



F . R . L .

UNITS & PROPORTIONAL REGULATOR



SEMAK**MATIC**
PNEUMATIC EQUIPMENTS

SEMAKMATIC

PNEUMATIC EQUIPMENTS

F . R . L .

SMS SERIE FRL

SMY SERIE FRL

MANOMETERS

PROPORTIONAL REGULATOR

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1/4" METAL SERIE



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SMS

1/2" METAL SERIE



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SMS

1" METAL SERIE



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SMY

3/4" - 1" F.R.L. serie SMY



SMY

1 1/4" – 1 1/2" F. R. L.



❑ 1 1/4" – 1 1/2" FILTER

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❑ 1 1/4" – 1 1/2" REGULATOR

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SMY

1 1/4" – 1 1/2" F. R. L.



❑ 1 1/4" – 1 1/2" FR

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MANOMETERS



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❑ 1/8" PANEL MOUNTED MANOMETER (0 – 12)

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PROPORTIONAL REGULATOR
max. 8 bar



❑ 1/4" PROPORTIONAL REGULATOR

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❑ SUMMARY of F.R.L

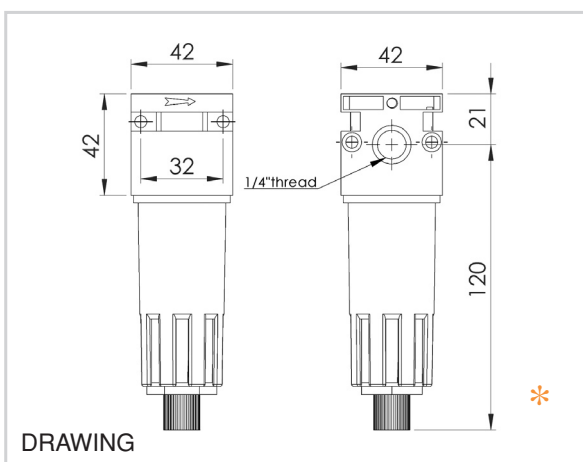
Pag. 60

❑ CERTIFICATE

1/4" FILTER



- * Inlet and Outlet have 1/4" BSPP thread
- * Max. pressure is 18 BAR
- * Flow rate is 1.000 lt/ min
- * Aluminium body
- * Aluminium bowl with technopolimer window
- * Semi automatic drain / automatic drain on request
- * Standart 50 micron sintered bronze filter / 5 µm on request



ORDERING CODES for 1/4" FILTER

ordering code for 50 µm : SMSFIL14M1850
ordering code for 5 µm : SMSFIL14M1805

ordering code for automatic drain : SMSOTT00M18ST

Semi automatic drain is standart

- * To lock the drain , turn the knob to right or left hand side, for manuel drain pull the knob upward.

Fluid	: Compressed air
Filtering grade	: standart 50 µm / 5 µm on request
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1/4 " (BSPP parallel thread)
Flow rate	: 1.000 NI / min. at 6 bar
Bowl capacity	: 20 cm³
Mounting position	: Vertical

Materials

Body : Zamak

Bowl : Aluminium

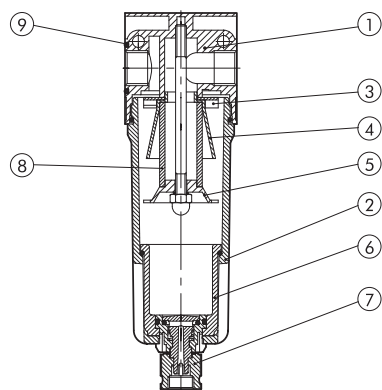
Bowl screen : Technopolimer

Filtering cartridge : Sintered bronze

Gaskets : NBR

Drain : Standart semi automatic / on request automatic (max. 10 bar)

INTERNAL PARTS



1. Body (zamak)
2. Bowl Aluminium
3. Centrifuge
4. Wing
5. Support table
6. Techno bowl
7. Semi automatic drain
8. Cartridge (sintered bronze)
9. Gaskets NBR

ACCESSORIES



Automatic drain
Cod. SMSOTT00M18ST

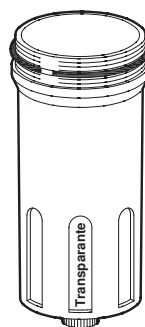


Aluminium part for pressure out
Cod. SMSAHC14M0000

SPARE PARTS



1/4" Filter kit for 5 µm
Cod. SMSTTK14MFI05
1/4" Filter kit for 50 µm
Cod. SMSTTK14MFI50



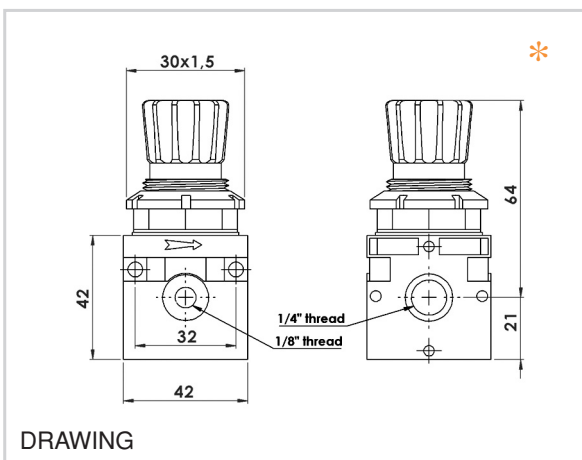
1/4" Bowl for filter
Cod. SMSTTK14MFKTT

1/4" REGULATOR



1/4 " REGULATOR

- * Inlet and Outlet have 1/4" BSPP parallel thread
- * Max pressure is 18 bar
- * Flow rate is 750 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 18 bar
- * 0 – 2 bar on request



DRAWING

ORDERING CODES for 1/4" RUGULATOR

- ordering code for 1/4" 0 - 18 bar : SMYREG14M1800
 ordering code for 1/4" 0 – 2 bar : SMYREG14M0200 *

ORDERING CODES for 1/8" MANOMETER

- ordering code for 0 - 12 bar : SMSMAN18A1240

* Supplied with manometer

* Push to lock of the knob
 Pull to adjust the pressure

Fluid	: Compressed air
Regulating range	: Standart 0 - 18 bar / On request 0 – 2 bar
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1/4" (BSPP parallel thread)
Flow rate	: 750 NI / min. at 6 bar
Manometer thread	: 1/8"
Mounting position	: In any

Materials

Body	: Zamak
Adjusting knob	: Technopolimer
Springs	: Steel
Gaskets	: NBR

Hysteresis	: + / - 0,3 bar
Blow of	: Standart BLOW OFF for over pressure

ACCESSORIES



1/8" Ø 40 mm 0 – 12 BAR manometer

Cod. SMSMAN18A1240

1/8" Ø 40 mm 0 – 2,5 BAR manometre

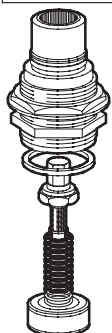
Cod. SMSMAN18A2540



Aluminium part for pressure out

Cod. SMSAHC14M0000

SPARE PARTS



1/4 " Regulator spare part kit max. 18 bar

Cod. SMSTTK14MRE18

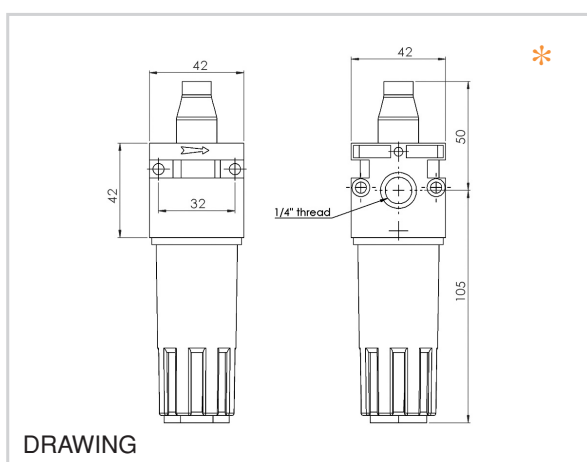
1/4 " Regulator spare part kit max. 2 bar

Cod. SMSTTK14MRE02

1/4" LUBRICATOR



- * Inlet and Outlet is 1/4" BSPP parallel thread
- * Max pressure is 18 bar
- * Flow rate is 1.000 lt/ min
- * Aluminium body
- * Aluminium bowl with technopolimer window
- * Plug on the top version for easy filling lubricants
- * Lubricating adjustment with screwdriver
- * Very efficient lubricating fog



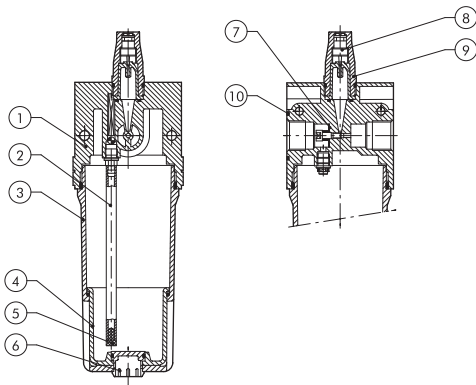
ORDERING CODES for 1/4" LUBRICATOR

ordering code for 1/4 " Lubricator : SMSYAG14M1800

*Depending upon the adjusting
* screw of lubrication.
One drop / minute is recommended*

Fluid	: Compressed air
lubricating system	: venturi
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1/4 " (BSPP parallel thread)
Flow rate	: 1.000 NI / min. at 6 bar
Bowl capacity	: 50 cm ³
Mounting position	: Vertical
Materials	
Body	: Zamak
Bowl	: Aluminium
Bowl screen	: Technopolimer
Gaskets	: NBR
Efficient drop	: One drop every 300 lt / min
Lubricants (rec.)	: ISO and UNI FD 22

INTERNAL PARTS



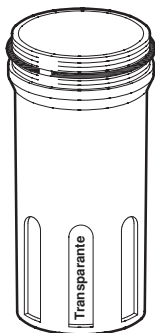
1. Body (zamak)
2. Suction pipe
3. Bowl Aluminium
4. Techno bowl
5. Bronze filter
6. Plug
7. Venturi diaphragm
8. Oil drop adjusting screw
9. Lubricating adjuster
10. Gaskets NBR
11. Oil filling plug (not shown)

ACCESSORIES

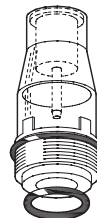


Aluminium part for pressure out
Cod. SMSAHC14M0000

SPARE PARTS



1/4" Bowl for lubricator
Cod. SMSTTK14MYKTT

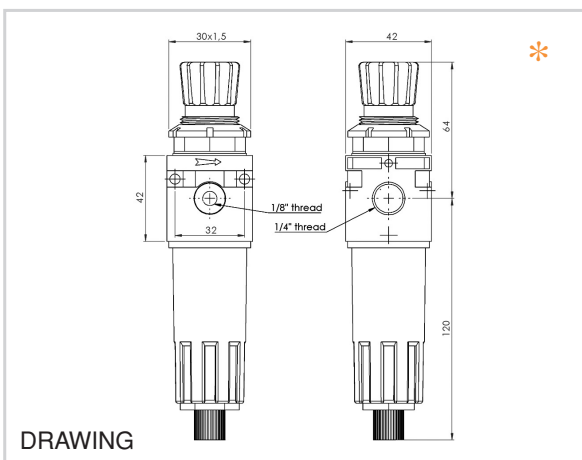


1/4" Lubricating adjuster
Cod. SMSTTK014PYCTT

1/4" FILTER REGULATOR



- * Inlet and Outlet is 1/4" BSPP parallel thread
- * Max pressure is 18 bar
- * Flow rate is 750 lt / min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 18 bar / On request 0 – 2 bar
- * Filtering degree is 50 µm / On request 5 µm



ORDERING CODES for 1/4 " FILTER REGULATOR

- ordering code for 1/4 " 50 µm 18 bar : SMYFRO14M1850
- ordering code for 1/4" 50 µm 2 bar : SMYFRO14M0250 *
- ordering code for 1/4" 5 µm 18 bar : SMYFRO14M1805 *
- ordering code for 1/4" 5 µm 2 bar : SMYFRO14M0205 *

ordering code for 0 - 12 bar manometer : SMSMAN18A1240

ordering code for automatic drain : SMSOTT00M18ST

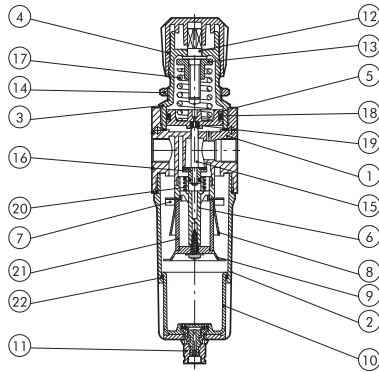
* Push to lock of the knob
Pull to adjust the pressure

* Supplied with manometer

Fluid	: Compressed air
Regulating range	: Standart 0 - 18 bar / On request 0 – 2 bar
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1/4 " (BSPP parallel thread)
Flow rate	: 750 NI / min. at 6 bar
Manometer thread	: 1/8"
Mounting position	: Vertical
Filtering degree	: Standart 50 µm / On request 5 µm
Drain	: Semi automatic / On request automatic
Bowl capacity	: 20 cm ³
Gaskets	: NBR
Bowl material	: Aluminium with technopolimer window
Hysteresis	: + / - 0,3 bar
Blow of	: Standart BLOW OFF for over pressure

1/4" FILTER REGULATOR

INTERNAL PARTS



- | | |
|-------------------------------------|-----------------------------------|
| 1. Body (zamak) | 12. Adjusting screw |
| 2. Aluminium bowl with tech. window | 13. Nut |
| 3. Technopolimer support | 14. Panel mounting nut |
| 4. Adjusting knob | 15. spool |
| 5. Piston | 16. Piston with nbr gasket |
| 6. Bottom plug | 17. Spring (steel) |
| 7. Centrifuge | 18. Main gasket NBR |
| 8. The wing | 19. Plug seal for releive |
| 9. Bowl window | 20. Gasket NBR |
| 10. Technopolimer bowl | 21. Cartridge (sintered bronze) |
| 11. Semi automatic drain | 22. NBR gasket |

ACCESSORIES

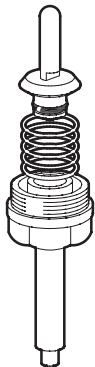


1/8" Ø 40 mm 0 – 12 BAR manometer
Cod. SMSMAN18A1240



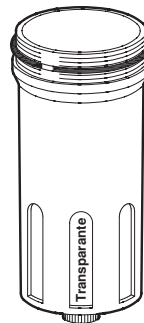
Automatic drain
Cod. SMSOTT00M18ST

SPARE PARTS

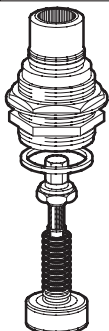


- 1/4 " FR spare part kit
Cod. SMSTTK14MFRTT
For 50 µm filtering element
Cod. SMSTTK14MFI50
For 5 µm filtering element
Cod. SMSTTK14MFI05

Filtering elements ordered seperatly



1/4 " Bowl for filter
Cod. SMSTTK14MFKTT

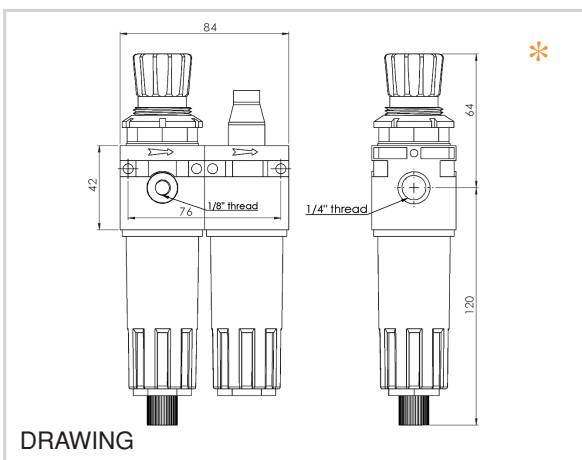


- 1/4 " Regulator spare part kit max. 18 bar
Cod. SMSTTK14MRE18
1/4 " Regulator spare part kit max. 2 bar
Cod. SMSTTK14MRE02

1/4" FR + L



- * Inlet and Outlet is 1/4" BSPP parallel thread
- * Max pressure is 18 bar
- * Flow rate is 750 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 18 bar
- * Filtering degree is 50 µm



ORDERING CODE for 1/4" FR + L

ordering code for 1/4 " FR + L : SMS2LI14M1850 *

ordering code for automatic drain : SMSOTT00M18ST

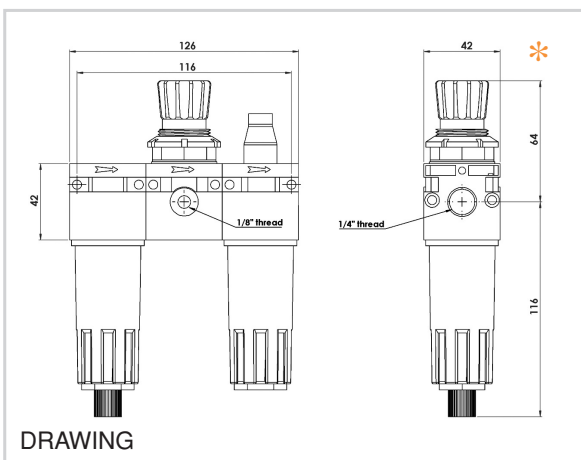
* Push to lock of the knob
Pull to adjust the pressure

* Supplied with manometer

Fluid	: Compressed air
Regulating range	: Standart 0 - 18 bar
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1/4" (BSPP parallel thread)
Flow rate	: 750 NI / min. at 6 bar
Manometer thread	: 1/8"
Mounting position	: Vertical
Filtering degree	: Standart 50 µm
Drain	: Semi automatic / On request automatic
Bowls capacity	: Filter bowl 20 cm ³ / lubricator bowl 50 cm ³
Gaskets	: NBR
Lubricating system	: With venturi
Hysteresis	: + / - 0,3 bar
Blow of	: Standart BLOW OFF for over pressure



- * Inlet and Outlet is 1/4" BSPP parallel thread
- * Max pressure is 18 bar
- * Flow rate is 750 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 18 bar
- * Filtering degree is 50 µm



ORDERING CODES for 1/4 " F + R + L

ordering code for 1/4 " F + R + L : SMY3LU14M1850 *

ordering code for automatic drain : SMSOTT00M18ST

* Push to lock of the knob
Pull to adjust the pressure

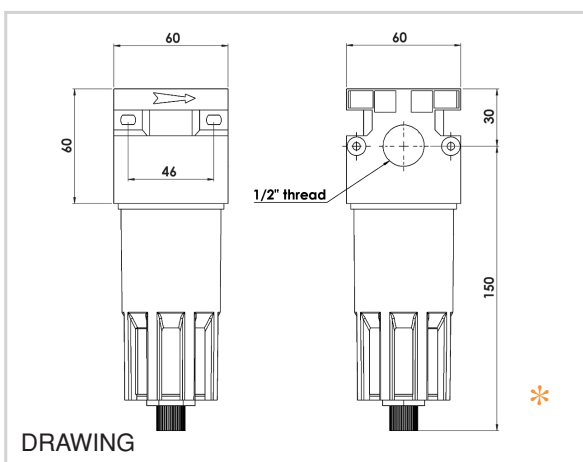
* Supplied with manometer

Fluid	: Compressed air
Regulating range	: Standart 0 - 18 bar
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1/4 " (BSPP parallel thread)
Flow rate	: 750 NI / min. at 6 bar
Manometer thread	: 1/8"
Mounting position	: Vertical
Filtering degree	: Standart 50 µm
Drain	: Semi automatic / On request automatic
Bowls capacity	: For filter 20 cm ³ / For lubricator 50 cm ³
Gaskets	: NBR
Lubricating system	: With venturi
Hysteresis	: + / - 0,3 bar
Blow of	: Standart BLOW OFF for over pressure

1/2" FILTER



- * Inlet and Outlet have 1/2" BSPP thread
- * Max. pressure is 18 BAR
- * Flow rate is 4.500 lt/ min
- * Aluminium body
- * Aluminium bowl with technopolimer window
- * Semi automatic drain / automatic drain on request
- * Standart 50 micron sintered bronze filter / 5 µm on request



ORDERING CODES for 1/2" FILTER

ordering code for 50 µm : SMSFIL12M1850
ordering code for 5 µm : SMSFIL12M1805

ordering code for automatic drain : SMSOTT00M18ST

Semi automatic drain is standart

- * To lock the drain , turn the knob to right or left hand side,
for manuel drain pull the knob upward.

Fluid	: Compressed air
Filtering grade	: standart 50 µm / 5 µm on request
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1/2 " (BSPP parallel thread)
Flow rate	: 4.500 NI / min. at 6 bar
Bowl capacity	: 60 cm ³
Mounting position	: Vertical

Materials

Body : Zamak

Bowl : Aluminium

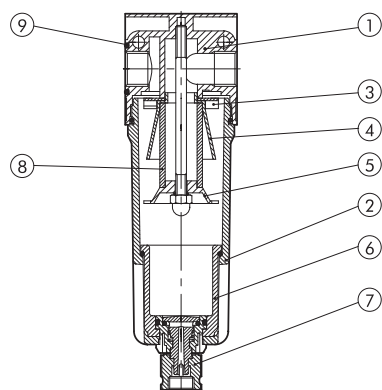
Bowl screen : Technopolimer

Filtering cartridge : Sintered bronze

Gaskets : NBR

Drain : Standart semi automatic / on request automatic (max. 10 bar)

INTERNAL PARTS



1. Body (zamak)
2. Bowl Aluminium
3. Centrifuge
4. Wing
5. Support table
6. Techno bowl
7. Semi automatic drain
8. Cartridge (sintered bronze)
9. Gaskets NBR

ACCESSORIES



Automatic drain
Cod. SMSOTT00M18ST

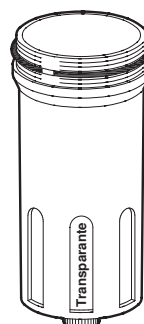


Aluminium part for pressure out
Cod. SMSAHC12M0000

SPARE PARTS



1/2" Filter kit for 5 µm
Cod. SMSTTK12MFI05
1/2" Filter kit for 50 µm
Cod. SMSTTK12MFI50

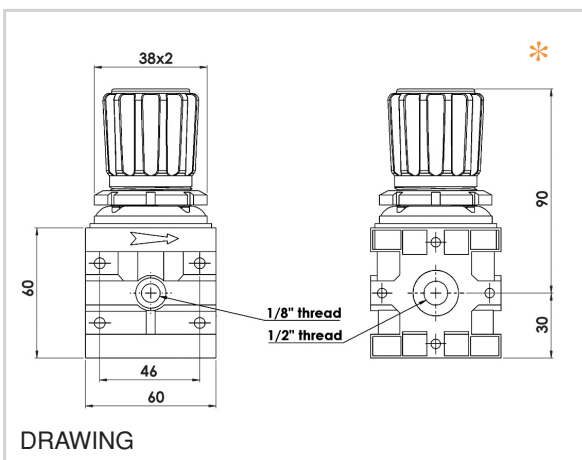


1/2" Bowl for filter
Cod. SMSTTK12MFKTT

1/2" REGULATOR



- * Inlet and Outlet have 1/2" BSPP parallel thread
- * Max pressure is 18 bar
- * Flow rate is 2.500 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 18 bar
- * 0 – 2 bar on request



ORDERING CODES for 1/2" REGULATOR

- ordering code for 1/2" 0 - 18 bar : SMYREG12M1800
 ordering code for 1/2" 0 – 2 bar : SMYREG12M0200 *

ORDERING CODE for 1/8" MANOMETER

- ordering code for 0 - 12 bar : SMSMAN18A1240

* Supplied with manometer

* Push to lock of the knob
 Pull to adjust the pressure

Fluid	: Compressed air
Regulating range	: Standart 0 - 18 bar / On request 0 – 2 bar
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1/2" (BSPP parallel thread)
Flow rate	: 2.500 NI / min. at 6 bar
Manometer thread	: 1/8"
Mounting position	: In any
Materials	

Body : Zamak

Adjusting knob : Technopolimer

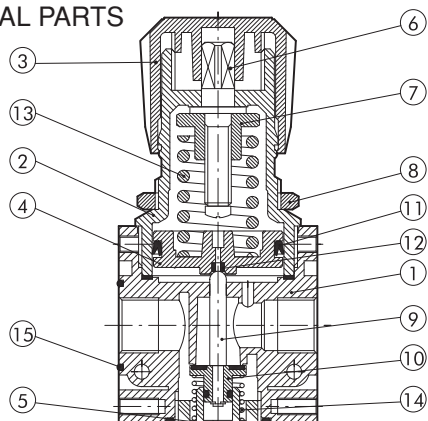
Springs : Steel

Gaskets : NBR

Hysteresis : + / - 0,3 bar

Blow of : Standart BLOW OFF for over pressure

INTERNAL PARTS



- | | |
|-----------------------------|---------------------------|
| 1. Body (zamak) | 8. Panel assembly nut |
| 2. Technopolimer support | 9. Spool (ot 58) |
| 3. Adjusting knob | 10. Gasket NBR |
| 4. Piston | 11. Main seal NBR |
| 5. Buttom plug | 12. Plug seal for relieve |
| 6. Pressure adjusting screw | 13. Spring (steel) |
| 7. Nut (ot 58) | 14. Spool spring |
| | 15. Gasket NBR |

ACCESSORIES

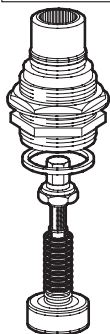


- 1/8" Ø 40 mm 0 – 12 BAR manometer
Cod. SMSMAN18A1240
- 1/8" Ø 40 mm 0 – 2,5 BAR manometre
Cod. SMSMAN18A2540

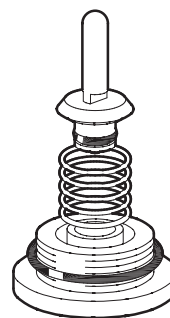


- Aluminium part for pressure out
Cod. SMSAHC12M0000

SPARE PARTS



- 1/2 " Regulator spare part kit max. 18 bar
Cod. SMSTTK12MRE18
- 1/2 " Regulator spare part kit max. 2 bar
Cod. SMSTTK12MRE02

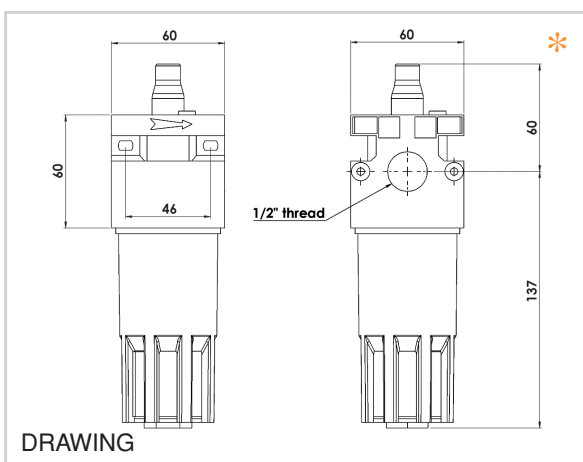


- 1/2" Regulator bottom parts
Cod. SMSTTK12MRATT

1/2" LUBRICATOR



- * Inlet and Outlet is 1/2 " BSPP parallel thread
- * Max pressure is 18 bar
- * Flow rate is 4.500 lt/ min
- * Aluminium body
- * Aluminium bowl with technopolimer window
- * Plug on the top version for easy filling lubricants
- * Lubricating adjustment with screwdriver
- * Very efficient lubricating fog



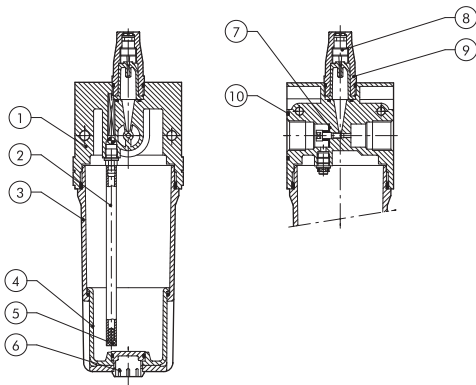
ORDERING CODES for 1/2" LUBRICATOR

ordering code for 1/2 " Lubricator : SMSYAG12M1800

*Depending upon the adjusting
* screw of lubrication.
One drop / minute is recommended*

Fluid	: Compressed air
Lubricating system	: venturi
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1/2 " (BSPP parallel thread)
Flow rate	: 4.500 NI / min. at 6 bar
Bowl capacity	: 150 cm ³
Mounting position	: Vertical
Materials	
Body	: Zamak
Bowl	: Aluminium
Bowl screen	: Technopolimer
Gaskets	: NBR
Efficient drop	: One drop every 300 lt / min
Lubricants (rec.)	: ISO and UNI FD 22

INTERNAL PARTS



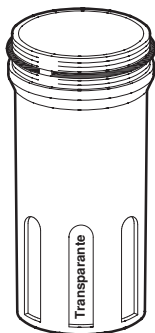
1. Body (zamak)
2. Suction pipe
3. Bowl Aluminium
4. Techno bowl
5. Bronze filter
6. Plug
7. Venturi diaphragm
8. Oil drop adjusting screw
9. Lubricating adjuster
10. Gaskets NBR
11. Oil filling plug (not shown)

ACCESSORIES

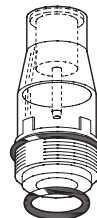


Aluminium part for pressure out
Cod. SMSAHC12M0000

SPARE PARTS



1/2" Bowl for lubricator
Cod. SMSTTK12MYKTT

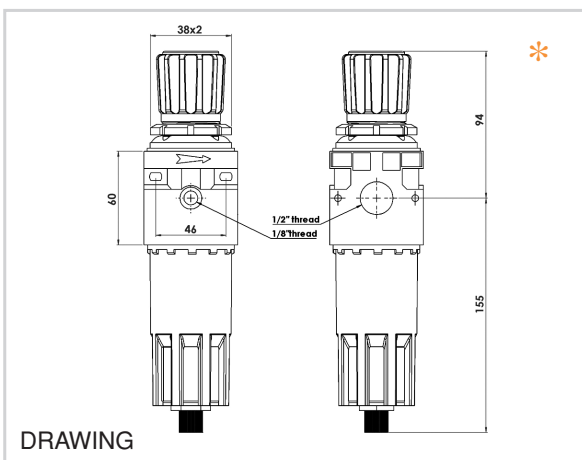


1/2" Lubricating adjuster
Cod. SMSTTK014PYCTT

1/2" FILTER REGULATOR



- * Inlet and Outlet is 1/2" BSPP parallel thread
- * Max pressure is 18 bar
- * Flow rate is 2.500 lt / min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 18 bar / On request 0 – 2 bar
- * Filtering degree is 50 µm / On request 5 µm



ORDERING CODES for 1/2 " FILTER REGULATOR

- ordering code for 1/4 " 50 µm 18 bar : SMYFRO12M1850
- ordering code for 1/4 " 50 µm 2 bar : SMYFRO12M0250 *
- ordering code for 1/4 " 5 µm 18 bar : SMYFRO12M1805 *
- ordering code for 1/4 " 5 µm 2 bar : SMYFRO12M0205 *

ordering code for 0 - 12 bar manometer : SMSMAN18A1240

ordering code for automatic drain : SMSOTT00M18ST

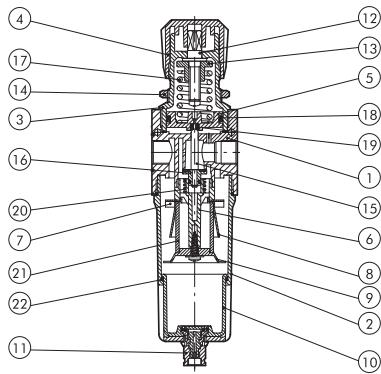
* Push to lock of the knob
Pull to adjust the pressure

* Supplied with manometer

Fluid	: Compressed air
Regulating range	: Standart 0 - 18 bar / On request 0 – 2 bar
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1/2 " (BSPP parallel thread)
Flow rate	: 2.500 NI / min. at 6 bar
Manometer thread	: 1/8"
Mounting position	: Vertical
Filtering degree	: Standart 50 µm / On request 5 µm
Drain	: Semi automatic / On request automatic
Bowl capacity	: For filter bowl 60 cm ³
Gaskets	: NBR
Bowl material	: Aluminium with technopolimer window
Hysteresis	: + / - 0,3 bar
Blow of	: Standart BLOW OFF for over pressure

1/2" FILTER REGULATOR

INTERNAL PARTS



- | | |
|-------------------------------------|-----------------------------------|
| 1. Body (zamak) | 12. Adjusting screw |
| 2. Aluminium bowl with tech. window | 13. Nut |
| 3. Technopolimer support | 14. Panel mounting nut |
| 4. Adjusting knob | 15. spool |
| 5. Piston | 16. Piston with nbr gasket |
| 6. Buttom plug | 17. Spring (steel) |
| 7. Centrifuge | 18. Main gasket NBR |
| 8. The wing | 19. Plug seal for releive |
| 9. Bowl window | 20. Gasket NBR |
| 10. Technopolimer bowl | 21. Cartridge (sintered bronze) |
| 11. Semi automatic drain | 22. NBR gasket |

ACCESSORIES

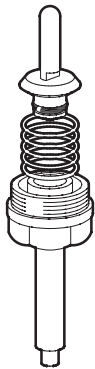


1/8" Ø 40 mm 0 – 12 BAR manometer
Cod. SMSMAN18A1240



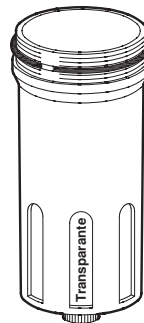
Automatic drain
Cod. SMSOTT00M18ST

SPARE PARTS

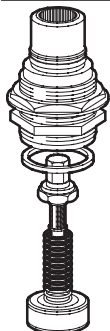


- 1/2 " FR spare part kit
Cod. SMSTTK12MFRTT
For 50 µm filtering element
Cod. SMSTTK12MFI50
For 5 µm filtering element
Cod. SMSTTK12MFI05

Filtering elements ordered seperatly



1/2 " Bowl for filter
Cod. SMSTTK12MFKTT

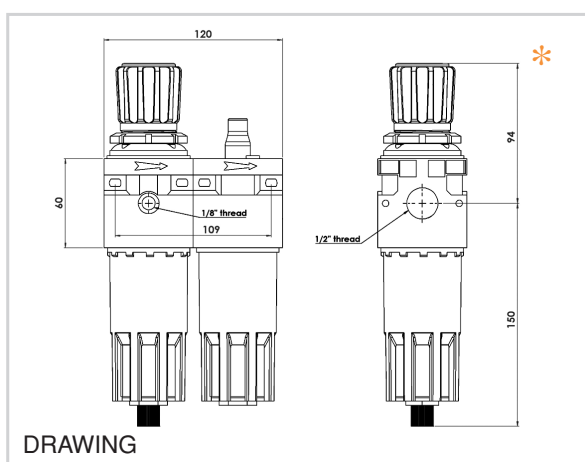


- 1/2 " Regulator spare part kit max. 18 bar
Cod. SMSTTK12MRE18
1/2 " Regulator spare part kit max. 2 bar
Cod. SMSTTK12MRE02

1/2" FR + L



- * Inlet and Outlet is 1/2" BSPP parallel thread
- * Max pressure is 18 bar
- * Flow rate is 2.500 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 18 bar
- * Filtering degree is 50 µm



ORDERING CODE for 1/2" FR + L

ordering code for 1/2 " FR + L : SMS2LI12M1850 *

ordering code for automatic drain : SMSOTT00M18ST

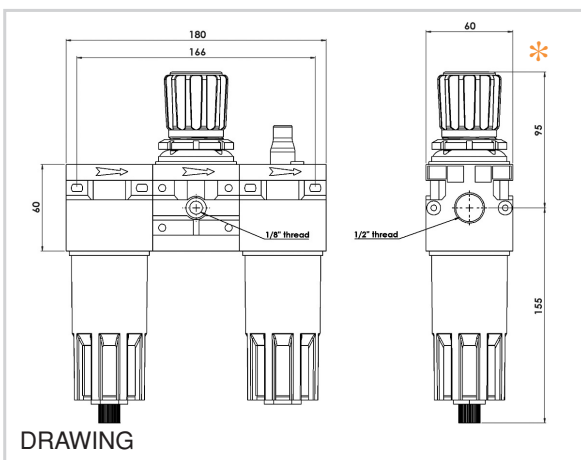
* Push to lock of the knob
Pull to adjust the pressure

* Supplied with manometer

Fluid	: Compressed air
Regulating range	: Standart 0 - 18 bar
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1/2" (BSPP parallel thread)
Flow rate	: 2.500 NI / min. at 6 bar
Manometer thread	: 1/8"
Mounting position	: Vertical
Filtering degree	: Standart 50 µm
Drain	: Semi automatic / On request automatic (max. 10 bar)
Bowls capacity	: Filter bowl 150 cm ³ / lubricator bowl 60 cm ³
Gaskets	: NBR
Lubricating system	: With venturi
Hysteresis	: + / - 0,3 bar
Blow of	: Standart BLOW OFF for over pressure



- * Inlet and Outlet is 1/2" BSPP parallel thread
- * Max pressure is 18 bar
- * Flow rate is 2.500 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 18 bar
- * Filtering degree is 50 µm



ORDERING CODES for 1/2" F + R + L

ordering code for 1/2 " F + R + L : SMY3LU12M1850 *

ordering code for automatic drain : SMSOTT00M18ST

* Push to lock of the knob
Pull to adjust the pressure

* Supplied with manometer

Fluid	: Compressed air
Regulating range	: Standart 0 - 18 bar
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1/2 " (BSPP parallel thread)
Flow rate	: 2.500 NI / min. at 6 bar
Manometer thread	: 1/8"
Mounting position	: Vertical
Filtering degree	: Standart 50 µm
Drain	: Semi automatic / On request automatic
Bowls capacity	: For filter 60 cm ³ / For lubricator 150 cm ³
Gaskets	: NBR
Lubricating system	: With venturi
Hysteresis	: + / - 0,3 bar
Blow of	: Standart BLOW OFF for over pressure

ACCESSORIES



1/8" Ø 40 mm 0 – 12 BAR manometer
Cod. SMSMAN18A1240

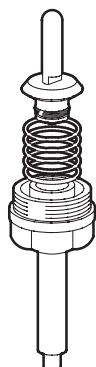


Automatic drain
Cod. SMSOTT00M18ST



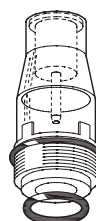
Aluminium part for pressure out
Cod. SMSAHC12M0000

SPARE PARTS

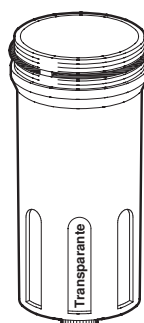


1/2 " FR spare part kit
Cod. SMSTTK12MFRTT
For 50 µm filtering element
Cod. SMSTTK12MFI50
For 5 µm filtering element
Cod. SMSTTK12MFI05

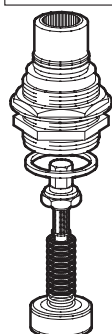
Filtering elements ordered separately



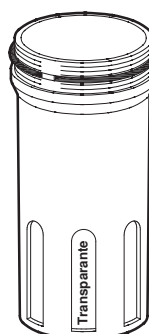
1/2" Lubricating adjuster
Cod. SMSTTK120YCTT



1/2" Bowl for filter
Cod. SMSTTK12MFKTT

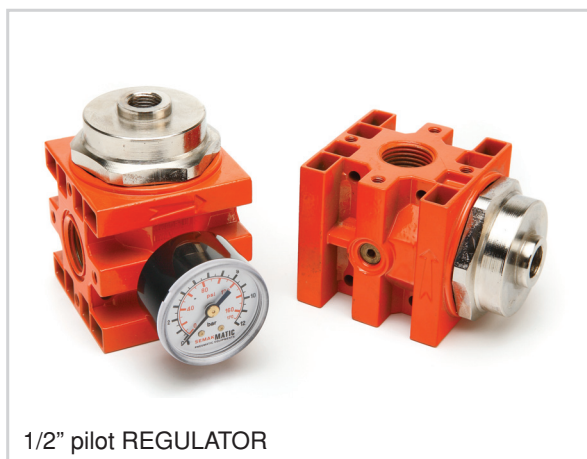


1/2 " Regulator spare part kit max. 18 bar
Cod. SMSTTK12MRE18
1/2 " Regulator spare part kit max. 2 bar
Cod. SMSTTK12MRE02



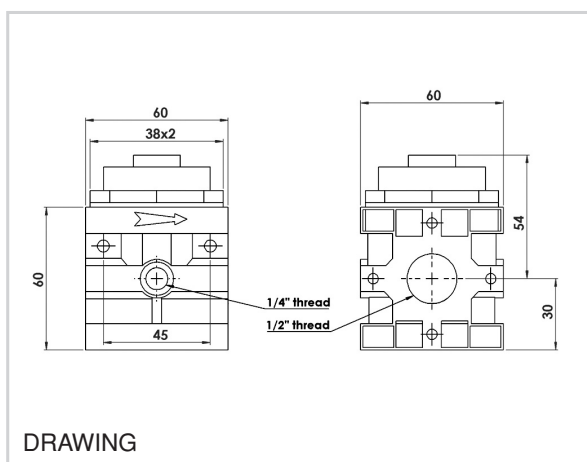
1/2" Bowl for lubricator
Cod. SMSTTK12MYKTT

1/2" pilot REGULATOR



1/2" pilot REGULATOR

- * Inlet and Outlet have 1/2" BSPP parallel thread
- * Max working pressure is 18 bar
- * Flow rate is 2.500 lt/ min
- * Aluminium body
- * Activated by an external regulator
- * Standart adjusting range depends upon the external reg.
- * Blow of is on the external regulator



DRAWING

ORDERING CODES for 1/2" REGULATOR

ordering code for 1/2" : SMSPRE12M1800

ORDERING CODE for 1/8" MANOMETER

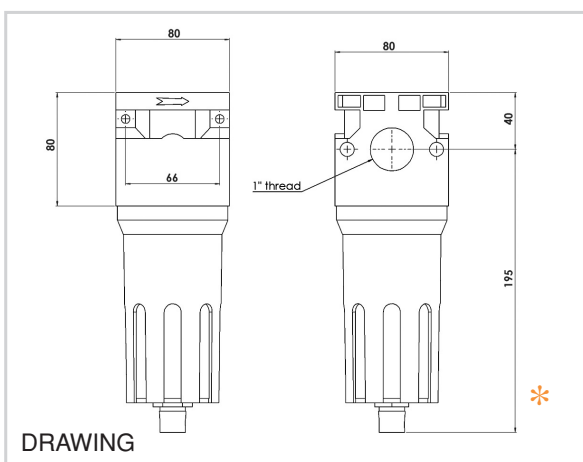
ordering code for 0 - 12 bar : SMSMAN18A1240

Fluid	: Compressed air
Regulating range	: Depends upon the external regulator
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1/2" (BSPP parallel thread)
Flow rate	: 2.500 NI / min. at 6 bar
Manometer thread	: 1/8"
Mounting position	: In any
Materials	
Body	: Zamak
Adjusting knob	: Technopolimer
Springs	: Steel
Gaskets	: NBR
Pilot connecting port	: 1/8"
Blow of	: No BLOW OFF system , no exhaust port

1" FILTER



- * Inlet and Outlet have 1" BSPP thread
- * Max. pressure is 13 BAR
- * Flow rate is 10.000 lt/ min
- * Aluminium body
- * Aluminium bowl with technopolimer window
- * Semi automatic drain / automatic drain on request
- * Standart 50 micron sintered bronze filter



ORDERING CODES for 1" FILTER

ordering code for 50 µm : SMSFIL01M1350

ordering code for automatic drain : SMSOTT00M18ST

Semi automatic drain is standart

- * To lock the drain , turn the knob to right or left hand side, for manuel drain pull the knob upward.

Fluid : Compressed air

Filtering grade : standart 50 µm

Pressure range : max. 13 bar

Temperature range : - 10 °C / + 50 °C

Inlet / outlet thread : 1 " (BSPP parallel thread)

Flow rate : 10.000 NI / min. at 6 bar

Bowl capacity : 170 cm³

Mounting position : Vertical

Materials

Body : Zamak

Bowl : Aluminium

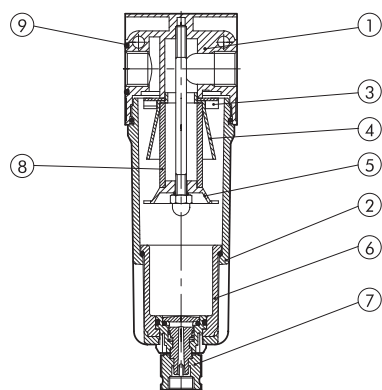
Bowl screen : Technopolimer

Filtering cartridge : Sintered bronze

Gaskets : NBR

Drain : Standart semi automatic / on request automatic

INTERNAL PARTS



1. Body (zamak)
2. Bowl Aluminium
3. Centrifuge
4. Wing
5. Support table
6. Techno bowl
7. Semi automatic drain
8. Cartridge (sintered bronze)
9. Gaskets NBR

ACCESSORIES



Automatic drain
Cod. SMSOTT00M18ST

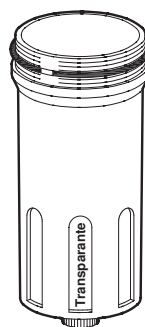


Aluminium part for pressure out
Cod. SMSAHC01M0000

SPARE PARTS



1" Filter kit for 50 µm
Cod. SMSTTK01MFI50



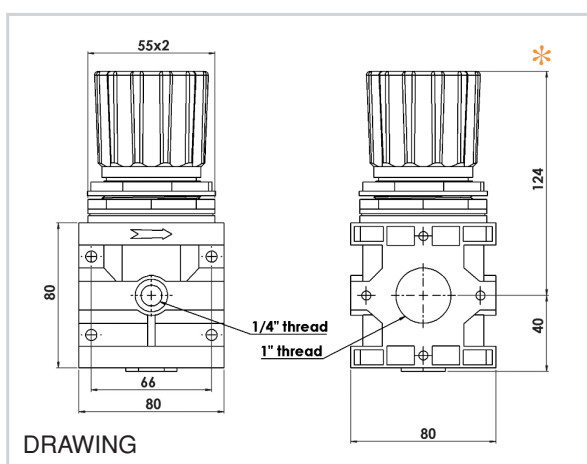
1" Bowl for filter
Cod. SMSTTK01MFKTT

1" REGULATOR



1" REGULATOR

- * Inlet and Outlet have 1" BSPP parallel thread
- * Max pressure is 13 bar
- * Flow rate is 4.000 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 12 bar
- * Manometer thread is 1/4"



DRAWING

ORDERING CODES for 1 " REGULATOR

ordering code for 1 " 0 - 12 bar : SMYREG01M1300

ORDERING CODES for 1/4" MANOMETER

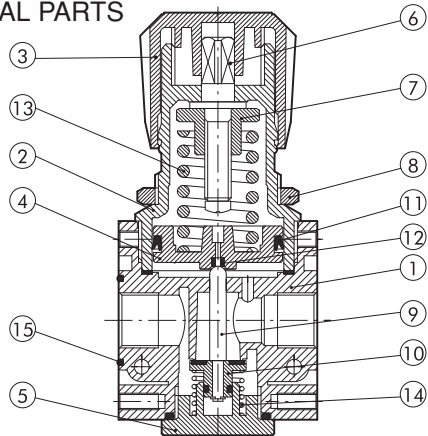
ordering code for 0 - 16 bar : SMSMAN14A1663

* Push to lock of the knob
Pull to adjust the pressure

* Supplied with manometer

Fluid	: Compressed air
Regulating range	: Standart 0 - 12 bar
Pressure range	: max. 13 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1" (BSPP parallel thread)
Flow rate	: 4.000 NI / min. at 6 bar
Manometer thread	: 1/4"
Mounting position	: In any
Materials	
Body	: Zamak
Adjusting knob	: Technopolimer
Springs	: Steel
Gaskets	: NBR
Hysteresis	: + / - 0,5 bar
Blow of	: Standart BLOW OFF for over pressure

INTERNAL PARTS



1. Body (zamak)
2. Technopolimer support
3. Adjusting knob
4. Piston
5. Buttom plug
6. Pressure adjusting screw
7. Nut (ot 58)

8. Panel assembly nut
9. Spool (ot 58)
10. Gasket NBR
11. Main seal NBR
12. Plug seal for relieve
13. Spring (steel)
14. Spool spring
15. Gasket NBR

ACCESSORIES

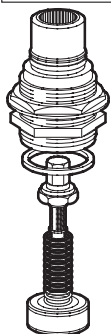


1/4" Ø 63 mm 0 – 16 BAR manometer
Cod. SMSMAN14A1663

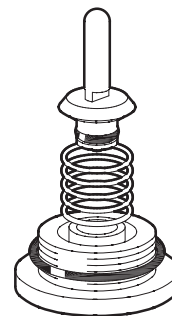


Aluminium part for pressure out
Cod. SMSAHC01M0000

SPARE PARTS



1 " Regulator spare part kit
Cod. SMSTTK01MRETT

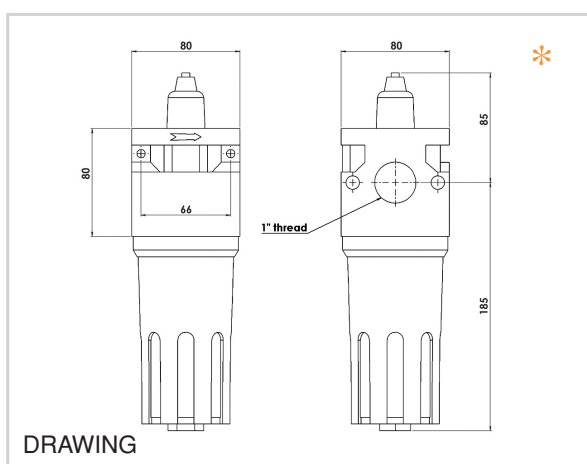


1" Regulator bottom parts
Cod. SMSTTK01MRATT

1" LUBRICATOR



- * Inlet and Outlet is 1 BSPP parallel thread
- * Max pressure is 13 bar
- * Flow rate is 10.000 lt/ min
- * Aluminium body
- * Aluminium bowl with technopolimer window
- * Plug on the top version for easy filling lubricants
- * Lubricating adjustment with screwdriver
- * Very efficient lubricating fog



ORDERING CODES for 1" LUBRICATOR

ordering code for 1 " Lubricator : SMSYAG01M1300

*Depending upon the adjusting
* screw of lubrication.
One drop / minute is recommended*

Fluid : Compressed air

Lubricating system : venturi

Pressure range : max. 13 bar

Temperature range : - 10 °C / + 50 °C

Inlet / outlet thread : 1 " (BSPP parallel thread)

Flow rate : 10.000 NI / min. at 6 bar

Bowl capacity : 170 cm³

Mounting position : Vertical

Materials

Body : Zamak

Bowl : Aluminium

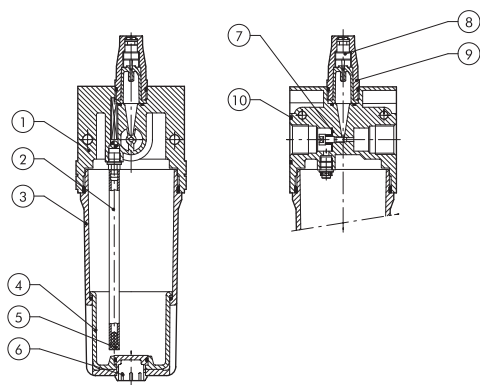
Bowl screen : Technopolimer

Gaskets : NBR

Efficient drop : One drop every 300 lt / min

Lubricants (rec.) : ISO and UNI FD 22

INTERNAL PARTS



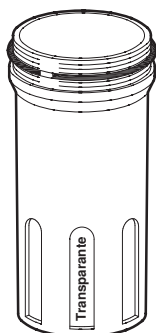
1. Body (zamak)
2. Suction pipe
3. Bowl Aluminium
4. Techno bowl
5. Bronze filter
6. Plug
7. Venturi diaphragm
8. Oil drop adjusting screw
9. Lubricating adjuster
10. Gaskets NBR
11. Oil filling plug (not shown)

ACCESSORIES

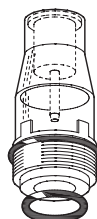


Aluminium part for pressure out
Cod. SMSAHC01M0000

SPARE PARTS



1" Bowl for lubricator
Cod. SMSTTK01MYKTT



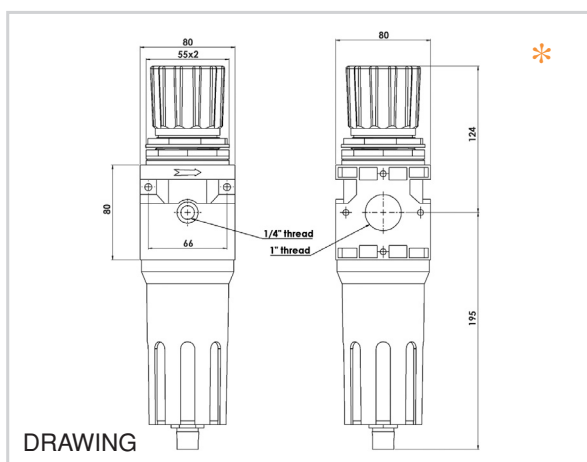
1" Lubricating adjuster
Cod. SMSTTK010YCTT

1" FILTER REGULATOR



1" FILTER REGULATOR

- * Inlet and Outlet is 1 " BSPP parallel thread
- * Max pressure is 13 bar
- * Flow rate is 4.000 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 12 bar
- * Filtering degree is 50 µm



DRAWING

ORDERING CODES for 1 " FILTER REGULATOR

ordering code for 1 " : SMYFRO01M1350

ordering code for 0 - 16 bar manometer : SMSMAN14A1663

ordering code for automatic drain : SMSOTT00M18ST

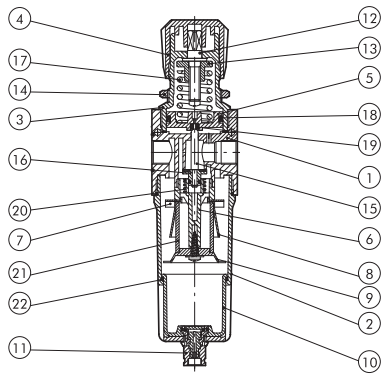
* Push to lock of the knob
Pull to adjust the pressure

* Supplied with manometer

Fluid	: Compressed air
Regulating range	: Standart 0 - 12 bar
Pressure range	: max. 13 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1 " (BSPP parallel thread)
Flow rate	: 4.000 NI / min. at 6 bar
Manometer thread	: 1/4"
Mounting position	: Vertical
Filtering degree	: Standart 50 µm
Drain	: Semi automatic / On request automatic
Bowl capacity	: 170 cm ³
Gaskets	: NBR
Bowl material	: Aluminium with technopolimer window
Hysteresis	: + / - 0,5 bar
Blow of	: Standart BLOW OFF for over pressure

1" FILTER REGULATOR

INTERNAL PARTS



- | | |
|-------------------------------------|-----------------------------------|
| 1. Body (zamak) | 12. Adjusting screw |
| 2. Aluminium bowl with tech. window | 13. Nut |
| 3. Technopolimer support | 14. Panel mounting nut |
| 4. Adjusting knob | 15. spool |
| 5. Piston | 16. Piston with nbr gasket |
| 6. Bottom plug | 17. Spring (steel) |
| 7. Centrifuge | 18. Main gasket NBR |
| 8. The wing | 19. Plug seal for releive |
| 9. Bowl window | 20. Gasket NBR |
| 10. Technopolimer bowl | 21. Cartridge (sintered bronze) |
| 11. Semi automatic drain | 22. NBR gasket |

ACCESSORIES

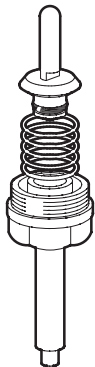


1/4" Ø 63 mm 0 – 16 BAR manometer
Cod. SMSMAN14A1663

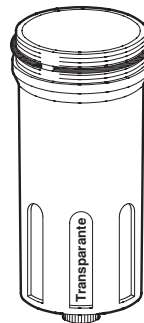


Automatic drain
Cod. SMSOTT00M18ST

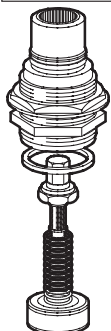
SPARE PARTS



1 " FR spare part kit
Cod. SMSTTK01MFRTT



1 " Bowl for filter
Cod. SMSTTK01MFKTT

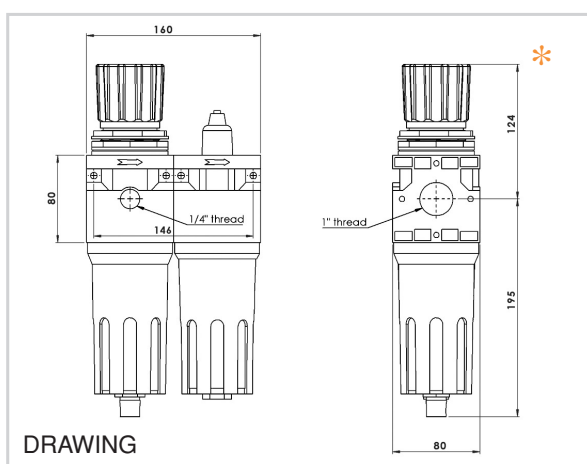


1 " Regulator spare part kit
Cod. SMSTTK01MRETT

1" FR + L



- * Inlet and Outlet is 1" BSPP parallel thread
- * Max pressure is 13 bar
- * Flow rate is 4.000 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 12 bar
- * Filtering degree is 50 µm



ORDERING CODES for 1 " FR + L

ordering code for 1 " FR + L : SMS2LI01M1350

ordering code for 0 - 16 bar manometer : SMSMAN14A1663

ordering code for automatic drain : SMSOTT00M18ST

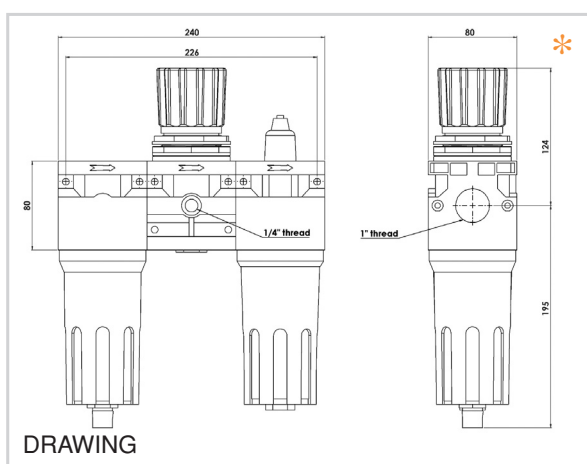
* Push to lock of the knob
Pull to adjust the pressure

* Supplied with manometer

Fluid	: Compressed air
Regulating range	: Standart 0 - 12 bar
Pressure range	: max. 13 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1 1/4" or 1 1/2" (BSPP parallel thread)
Flow rate	: 5.000 NI / min. at 6 bar
Manometer thread	: 1/4"
Mounting position	: Vertical
Filtering degree	: Standart 50 µm
Drain	: Semi automatic / On request automatic
Bowls capacity	: 170 cm ³
Gaskets	: NBR
Lubricating system	: With venturi
Hysteresis	: + / - 0,5 bar
Blow of	: Standart BLOW OFF for over pressure



- * Inlet and Outlet is 1" BSPP parallel thread
- * Max pressure is 13 bar
- * Flow rate is 4.000 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 12 bar
- * Filtering degree is 50 µm



ORDERING CODES for SMY 1 " F + R + L

ordering code for 1 " F + R + L : SMY3LU01M1350

ordering code for 0 - 16 bar manometer : SMSMAN14A1663

ordering code for automatic drain : SMSOTT00M18ST

* Push to lock of the knob
Pull to adjust the pressure

* Supplied with manometer

Fluid	: Compressed air
Regulating range	: Standart 0 - 12 bar
Pressure range	: max. 13 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1 " (BSPP parallel thread)
Flow rate	: 4.000 NI / min. at 6 bar
Manometer thread	: 1/4"
Mounting position	: Vertical
Filtering degree	: Standart 50 µm
Drain	: Semi automatic / On request automatic
Bowls capacity	: 170 cm ³
Gaskets	: NBR
Lubricating system	: With venturi
Hysteresis	: + / - 0,5 bar
Blow of	: Standart BLOW OFF for over pressure

ACCESSORIES



1/4" Ø 63 mm 0 – 16 BAR manometer
Cod. SMSMAN14A1663

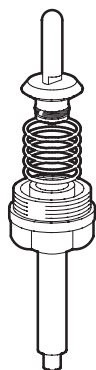


Automatic drain
Cod. SMSOTT00M18ST

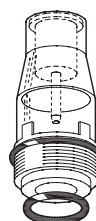


Aluminium part for pressure out
Cod. SMSAHC12M0000

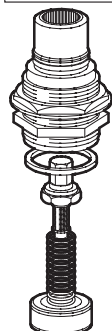
SPARE PARTS



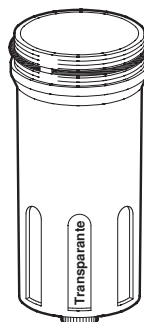
1 " FR spare part kit
Cod. SMSTTK01MFRTT



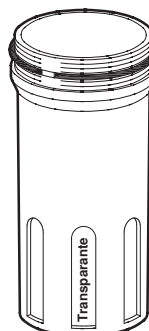
1" Lubricating adjuster
Cod. SMSTTK010YCTT



1 " Regulator spare part kit
Cod. SMSTTK01MRETT



1" Bowl for filter
Cod. SMSTTK01MFKTT



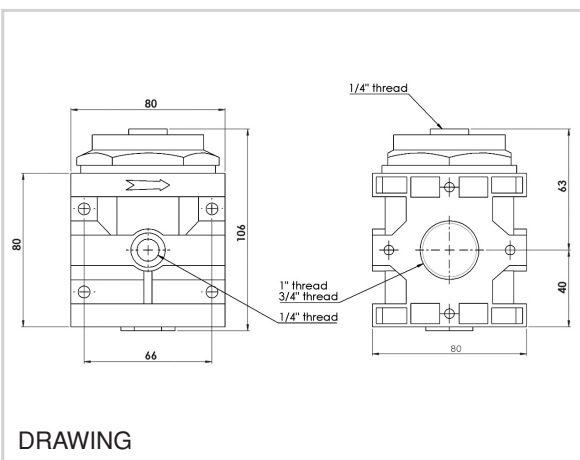
1" Bowl for lubricator
Cod. SMSTTK01MYKTT

1" pilot REGULATOR



1" PILOT REGULATOR

- * Inlet and Outlet has 1" BSPP parallel thread
- * Max pressure is 13 bar
- * Flow rate is 4.000 lt/ min
- * Aluminium body
- * No over pressure blow off / Release from external regulator.
- * Adjusting range is depends upon the external regulator .
- * Manometer thread is 1/4"



DRAWING

ORDERING CODES for SMY 1" Pilot REGULATOR

ordering code for 1" : SMSPRE01M1300

ORDERING CODES for 1/4" MANOMETER

ordering code for 0 - 16 bar : SMSMAN14A1663

* Supplied with manometer

Fluid	: Compressed air
Regulating range	: Depend upon the external regulator
Pressure range	: max. 13 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1" (BSPP parallel thread)
Flow rate	: 4.000 NI / min. at 6 bar
Manometer thread	: 1/4"
Mounting position	: In any
Materials	

Body : Zamak

Pressure inlet : On top 1/4" bspp

Springs : Steel

Gaskets : NBR

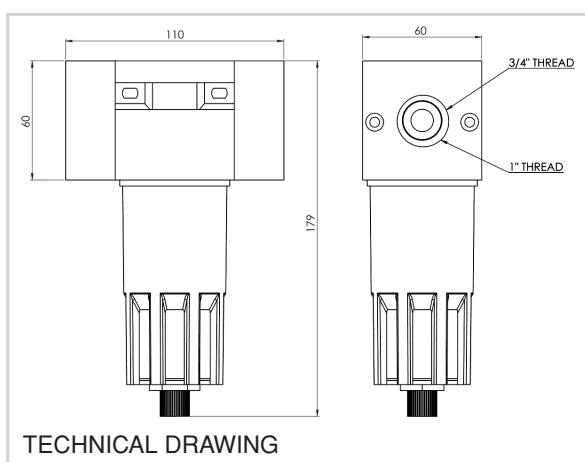
Hysteresis : Depends upon the external regulator

Blow of : No BLOW OFF for over pressure

3/4" – 1" FILTER



- * Inlet and Outlet is 3/4" or 1" with Al. terminal
- * Max pressure is 18 bar
- * Flow rate is 4000 lt/ min
- * Aluminium body
- * Aluminium bowl with technopolimer window
- * Semi automatic drain / automatic drain on request
- * Standart 50 micron sintered bronze filter
- * On request also available 5 micron



ORDERING CODES for SMY 3/4" FILTER

ordering code for 50 µm : SMYFIL34M1850
 ordering code for 5 µm : SMYFIL34M1805

ORDERING CODES for SMY 1" FILTER

ordering code for 50 µm : SMYFIL01M1850
 ordering code for 5 µm : SMYFIL01M1805

ordering code for automatic drain : SMSOTT00M18ST

Fluid	: Compressed air
Filtering grade	: standart 50 µm / on request 5 µm
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1" or 3/4" (BSPP parallel thread)
Flow rate	: 4000 NI / min. at 6 bar
Bowl capacity	: 45 cm ³
Mounting position	: Vertical

Materials

Body : Zamak

Bowl : Aluminium

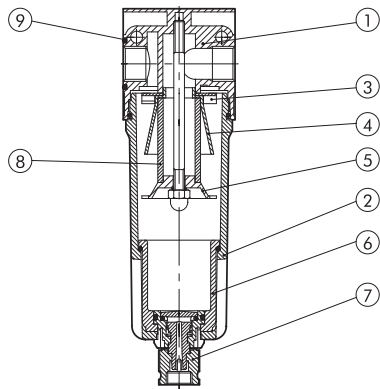
Bowl screen : Technopolimer

Filtering cartridge : Sintered bronze

Gaskets : NBR

Drain : Standart semi automatic / on request automatic

INTERNAL PARTS (without terminals)



1. Body (zamak)
2. Bowl Aluminium
3. Centrifuge
4. Wing
5. Support table
6. Techno bowl
7. Semi automatic drain
8. Cartridge (sintered bronze)
9. Gaskets NBR

ACCESSORIES



Automatic drain
Cod. SMSOTT00M18ST

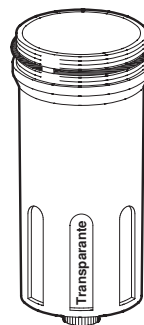


Aluminium part for pressure out
Cod. SMSAHC12M0000

SPARE PARTS



3/4" – 1" Filter kit for 50 µm
Cod. SMSTTK12MFI50
3/4" – 1" Filter kit for 5 µm
Cod. SMSTTK12MFI05



3/4" – 1" Bowl for filter
Cod. SMSTTK12MFKTT

3/4" – 1" REGULATOR



SMY SERIE 3/4" – 1" REGULATOR

- * Inlet and Outlet is 3/4" or 1" with Al. terminal
- * Max pressure is 18 bar
- * Flow rate is 3000 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 12 bar
- * On request 0 - 2 bar adjusting range

ORDERING CODES for SMY 3/4" REGULATOR

ordering code for 3/4" 0- 12 bar : SMYREG34M1800
 ordering code for 3/4" 0- 2 bar : SMYREG34M0200

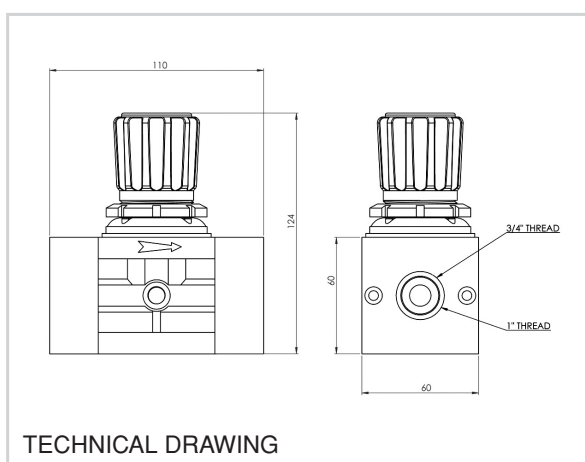
ORDERING CODES for SMY 1" REGULATOR

ordering code for 1" 0 - 12 bar : SMYREG01M1800
 ordering code for 1" 0- 2 bar : SMYREG01M0200

ORDERING CODES for 1/8" MANOMETER

ordering code for 0 - 12 bar : SMSMAN18A1840
 ordering code for 0 - 4 bar : SMSMAN18A0440

* Supplied with manometer



TECHNICAL DRAWING

Fluid	: Compressed air
Regulating range	: Standart 0 - 12 bar / on request 0 - 2 bar
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1" or 3/4" (BSPP parallel thread)
Flow rate	: 3000 NI / min. at 6 bar
Manometer thread	: 1/8"
Mounting position	: In any
Materials	

Body : Zamak

Adjusting knob : Technopolimer

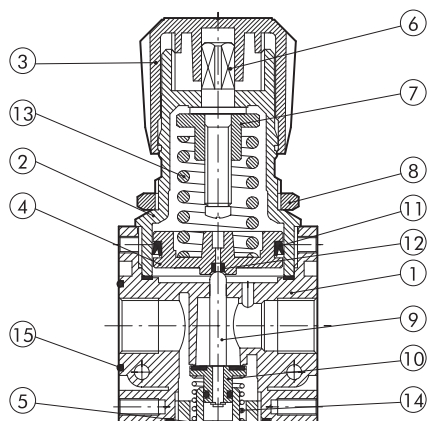
Springs : Steel

Gaskets : NBR

Hysteresis : + / - 0,3 bar

Blow of : Standart BLOW OFF for over pressure

INTERNAL PARTS (without terminals)



- | | |
|-----------------------------|---------------------------|
| 1. Body (zamak) | 8. Panel assembly nut |
| 2. Technopolimer support | 9. Spool (ot 58) |
| 3. Adjusting knob | 10. Gasket NBR |
| 4. Piston | 11. Main seal NBR |
| 5. Bottom plug | 12. Plug seal for relieve |
| 6. Pressure adjusting screw | 13. Spring (steel) |
| 7. Nut (ot 58) | 14. Spool spring |
| | 15. Gasket NBR |

ACCESSORIES

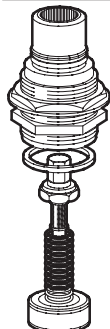


- 1/8" Ø 40 mm 0 – 12 BAR manometer
Cod. SMSMAN18A1240
- 1/8" Ø 40 mm 0 – 4 BAR manometer
Cod. SMSMAN18A0440

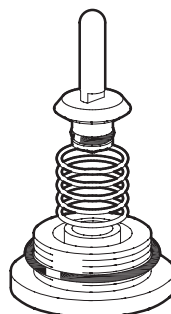


- Aluminium part for pressure out
Cod. SMSAHC12M0000

SPARE PARTS



- 3/4" – 1" Regulator spare part kit
(for 12 bar)
Cod. SMSTTK12MRE12
- 3/4" – 1" Regulator spare part kit
(for 2 bar)
Cod. SMSTTK12MRE02



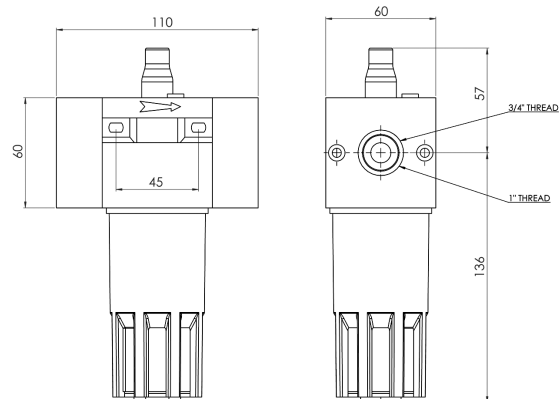
- 3/4" – 1" Regulator bottom parts
Cod. SMSTTK12MRATT

3/4" – 1" LUBRICATOR



SMY SERIE 3/4" – 1" LUBRICATOR

- * Inlet and Outlet is 3/4" or 1" with Al. terminal
- * Max pressure is 18 bar
- * Flow rate is 4000 lt/ min
- * Aluminium body
- * Aluminium bowl with technopolimer window
- * Plug on the top version for easy filling lubricants
- * Lubricating adjustment with screwdriver
- * Very efficient lubricating fog



TECHNICAL DRAWING

ORDERING CODES for SMY 3/4" LUBRICATOR

ordering code for 3/4" Lubricator : SMYYAG34M1800

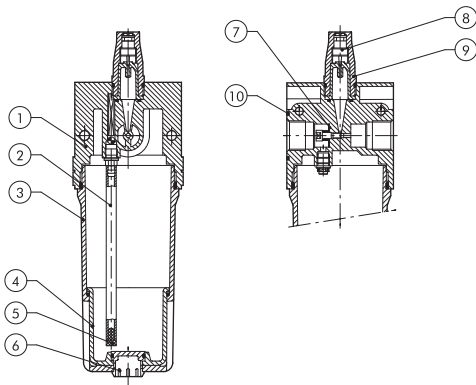
ORDERING CODES for SMY 1" FILTER

ordering code for 1" Lubricator : SMYYAG01M1800

*Depending upon the adjusting
* screw of lubrication.
One drop / minute is recommended*

Fluid	: Compressed air
Lubricating system	: Venturi
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1" or 3/4" (BSPP parallel thread)
Flow rate	: 4000 NI / min. at 6 bar
Bowl capacity	: 45 cm ³
Mounting position	: Vertical
Materials	
Body	: Zamak
Bowl	: Aluminium
Bowl screen	: Technopolimer
Gaskets	: NBR
Efficient drop	: One drop every 300 lt / min
Lubricants (rec.)	: ISO and UNI FD 22

INTERNAL PARTS (without terminals)



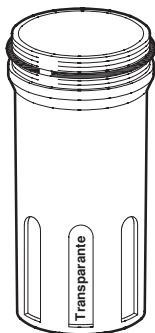
1. Body (zamak)
2. Suction pipe
3. Bowl Aluminium
4. Techno bowl
5. Bronze filter
6. Plug
7. Venturi diaphragm
8. Oil drop adjusting screw
9. Lubricating adjuster
10. Gaskets NBR
11. Oil filling plug (not shown)

ACCESSORIES

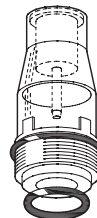


Aluminium part for pressure out
Cod. SMSAHC12M0000

SPARE PARTS



3/4" – 1" Bowl for lubricator
Cod. SMSTTK12MYKTT



3/4" – 1" Lubricating adjuster
Cod. SMSTTK14PYCTT

3/4" – 1" FILTER REGULATOR



SMY SERIE 3/4" – 1" FILTER REGULATOR

- * Inlet and Outlet is 3/4" or 1" with Al. terminal
- * Max pressure is 18 bar
- * Flow rate is 3000 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 12 bar
- * On request 0 - 2 bar adjusting range
- * Filtering degree 5 µm on request

ORDERING CODES for SMY 3/4" FILTER REGULATOR

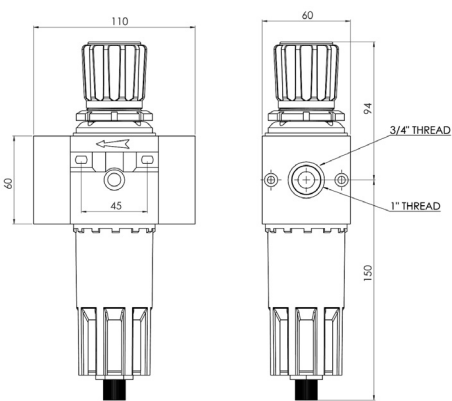
ordering code for 3/4" 0 - 12 bar 50 µm : SMYFRO34M1850
 ordering code for 3/4" 0 - 2 bar 50 µm : SMYFRO34M0250
 ordering code for 3/4" 0 - 12 bar 5 µm : SMYFRO34M1805
 ordering code for 3/4" 0 - 2 bar 5 µm : SMYFRO34M0205

ORDERING CODES for SMY 1" FILTER REGULATOR

ordering code for 1" 0 - 12 bar 50 µm : SMYFRO01M1850
 ordering code for 1" 0 - 2 bar 50 µm : SMYFRO01M0250
 ordering code for 1" 0 - 12 bar 5 µm : SMYFRO01M1805
 ordering code for 1" 0 - 2 bar 5 µm : SMYFRO01M0205

ordering code for 0 - 12 bar manometer : SMSMAN18A1240
 ordering code for 0 - 4 bar manometer : SMSMAN18A0440

ordering code for automatic drain : SMSOTT00M18ST



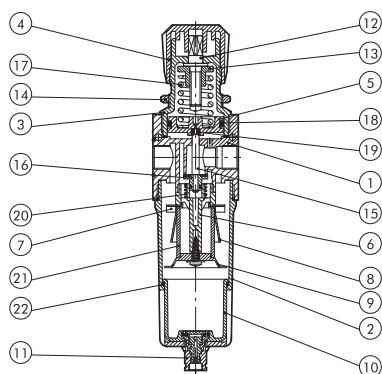
TECHNICAL DRAWING

* Supplied with manometer

Fluid	: Compressed air
Regulating range	: Standart 0 - 12 bar / on request 0 - 2 bar
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1" or 3/4" (BSPP parallel thread)
Flow rate	: 3000 NI / min. at 6 bar
Manometer thread	: 1/8"
Mounting position	: In any
Materials	
Body	: Zamak
Adjusting knob	: Technopolimer
Springs	: Steel
Gaskets	: NBR
Hysteresis	: + / - 0,3 bar
Blow of	: Standart BLOW OFF for over pressure

3/4" – 1" FILTER REGULATOR

INTERNAL PARTS (without terminals)



- | | |
|-------------------------------------|-----------------------------------|
| 1. Body (zamak) | 12. Adjusting screw |
| 2. Aluminium bowl with tech. window | 13. Nut |
| 3. Technopolimer support | 14. Panel mounting nut |
| 4. Adjusting knob | 15. spool |
| 5. Piston | 16. |
| 6. Buttom plug | 17. Spring (steel) |
| 7. Centrifuge | 18. Main gasket NBR |
| 8. The wing | 19. Plug seal for releive |
| 9. Support table | 20. Gasket NBR |
| 10. Technopolimer bowl | 21. Cartridge (sintered bronze) |
| 11. Semi automatic drain | 22. NBR gasket |

ACCESSORIES

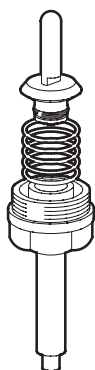


- 1/8" Ø 40 mm 0 – 12 BAR manometer
Cod. SMSMAN18A1240
- 1/8" Ø 40 mm 0 – 4 BAR manometer
Cod. SMSMAN18A0440

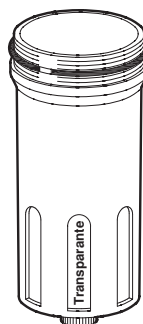


- Automatic drain
Cod. SMSOTT00M18ST

SPARE PARTS



- 3/4" – 1" FR spare part kit for 50 µm
Cod. SMSTTK12MFR50
- 3/4" – 1" FR spare part kit for 5 µm
Cod. SMSTTK12MFR05



- 3/4" – 1" Bowl for filter
Cod. SMSTTK12MFKTT

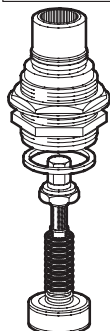


- 3/4" – 1" Regulator spare part kit
(for 12 bar)

Cod. SMSTTK12MRE12

- 3/4" – 1" Regulator spare part kit
(for 2 bar)

Cod. SMSTTK12MRE02



3/4" – 1" FR + L



- * Inlet and Outlet is 3/4" or 1" with Al. terminal
- * Max pressure is 18 bar
- * Flow rate is 3000 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 12 bar
- * On request 0 - 2 bar adjusting range
- * Filtering degree 5 µm on request

ORDERING CODES for SMY 3/4" FR + L

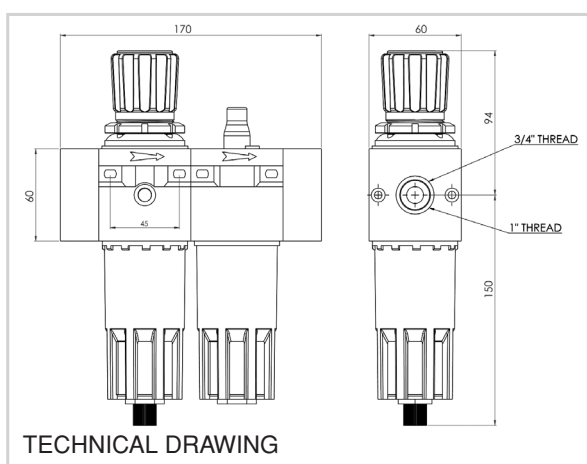
ordering code for 3/4" 0 - 12 bar 50 µm : SMY2LI34M1850
 ordering code for 3/4" 0 - 2 bar 50 µm : SMY2LI34M0250
 ordering code for 3/4" 0 - 12 bar 5 µm : SMY2LI34M1805
 ordering code for 3/4" 0 - 2 bar 5 µm : SMY2LI34M0205

ORDERING CODES for SMY 1" FR + L

ordering code for 1" 0 - 12 bar 50 µm : SMY2LI01M1850
 ordering code for 1" 0 - 2 bar 50 µm : SMY2LI01M0250
 ordering code for 1" 0 - 12 bar 5 µm : SMY2LI01M1805
 ordering code for 1" 0 - 2 bar 5 µm : SMY2LI01M0205

ordering code for 0 - 12 bar manometer : SMSMAN18A1240
 ordering code for 0 - 4 bar manometer : SMSMAN18A0440

ordering code for automatic drain : SMSOTT00M18ST

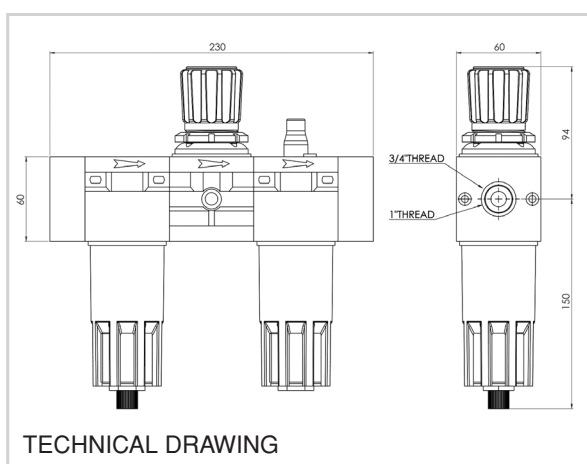


* Supplied with manometer

Fluid	: Compressed air
Regulating range	: Standart 0 - 12 bar / on request 0 - 2 bar
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1" or 3/4" (BSPP parallel thread)
Flow rate	: 3000 NI / min. at 6 bar
Manometer thread	: 1/8"
Mounting position	: Vertical
Filtering degree	: Standart 50 µm / On request 5 µm
Drain	: Semi automatic / On request automatic
Bowls capacity	: 45 cm ³
Gaskets	: NBR
Lubricating system	: With venturi
Hysteresis	: + / - 0,3 bar
Blow of	: Standart BLOW OFF for over pressure



3/4" – 1" F + R + L



TECHNICAL DRAWING

* Supplied with manometer

- * Inlet and Outlet is 3/4" or 1" with Al. terminal
- * Max pressure is 18 bar
- * Flow rate is 3000 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 12 bar
- * On request 0 - 2 bar adjusting range
- * Filtering degree 5 µm on request

ORDERING CODES for SMY 3/4" F + R + L

ordering code for 3/4" 0 - 12 bar 50 µm : SMY3LU34M1850
 ordering code for 3/4" 0 - 2 bar 50 µm : SMY3LU34M0250
 ordering code for 3/4" 0 - 12 bar 5 µm : SMY3LU34M1805
 ordering code for 3/4" 0 - 2 bar 5 µm : SMY3LU34M0205

ORDERING CODES for SMY 1" F + R + L

ordering code for 1" 0 - 12 bar 50 µm : SMY3LU01M1850
 ordering code for 1" 0 - 2 bar 50 µm : SMY3LU01M0250
 ordering code for 1" 0 - 12 bar 5 µm : SMY3LU01M1805
 ordering code for 1" 0 - 2 bar 5 µm : SMY3LU01M0205

ordering code for 0 - 12 bar manometer : SMSMAN18A1240
 ordering code for 0 - 4 bar manometer : SMSMAN18A0440

ordering code for automatic drain : SMSOTT00M18ST

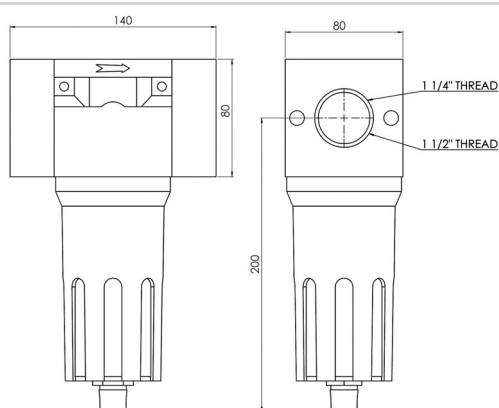
Fluid	: Compressed air
Regulating range	: Standart 0 - 12 bar / on request 0 - 2 bar
Pressure range	: max. 18 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1" or 3/4" (BSPP parallel thread)
Flow rate	: 3000 NI / min. at 6 bar
Manometer thread	: 1/8"
Mounting position	: Vertical
Filtering degree	: Standart 50 µm / On request 5 µm
Drain	: Semi automatic / On request automatic
Bowls capacity	: 45 cm ³
Gaskets	: NBR
Lubricating system	: With venturi
Hysteresis	: + / - 0,3 bar
Blow of	: Standart BLOW OFF for over pressure

1 1/4" – 1 1/2" FILTER



1 1/4" – 1 1/2" SMY FILTER

- * Inlet and Outlet is 1 1/4" or 1 1/2" with Al. terminal
- * Max pressure is 13 BAR
- * Flow rate is 10.000 lt/ min
- * Aluminium body
- * Aluminium bowl with technopolimer window
- * Semi automatic drain / automatic drain on request
- * Standart 50 micron sintered bronze filter



TECHNICAL DRAWING

ORDERING CODES for SMY 1 1/4" FILTER

ordering code for 50 µm : SMYFIL114M1350

ORDERING CODES for SMY 1 1/2" FILTER

ordering code for 50 µm : SMYFIL112M1350

ordering code for automatic drain : SMSOTT00M18ST

Fluid	: Compressed air
Filtering grade	: standart 50 µm
Pressure range	: max. 13 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1 1/4" or 1 1/2" (BSPP parallel thread)
Flow rate	: 10.000 NI / min. at 6 bar
Bowl capacity	: 170 cm ³
Mounting position	: Vertical

Materials

Body : Zamak

Bowl : Aluminium

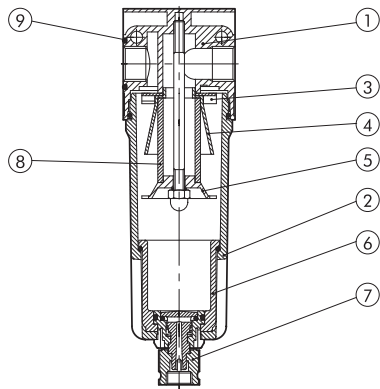
Bowl screen : Technopolimer

Filtering cartridge : Sintered bronze

Gaskets : NBR

Drain : Standart semi automatic / on request automatic

INTERNAL PARTS (without terminals)



1. Body (zamak)
2. Bowl Aluminium
3. Centrifuge
4. Wing
5. Support table
6. Techno bowl
7. Semi automatic drain
8. Cartridge (sintered bronze)
9. Gaskets NBR

ACCESSORIES



Automatic drain
Cod. SMSOTT00M18ST

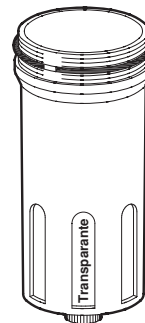


Aluminium part for pressure out
Cod. SMSAHC01M0000

SPARE PARTS



3/4" – 1" Filter kit for 50 µm
Cod. SMSTTK01MFI50



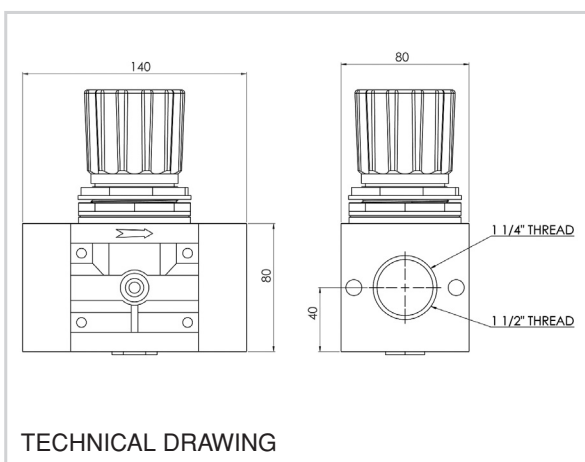
1 1/4" – 1 1/2" Bowl for filter
Cod. SMSTTK01MFKTT

1 1/4" – 1 1/2" REGULATOR



1 1/4" - 1 1/2" SMY REGULATOR

- * Inlet and Outlet is 1 1/4" or 1 1/2" with Al. terminal
- * Max pressure is 13 bar
- * Flow rate is 5.000 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 12 bar
- * Manometer thread is 1/4"



TECHNICAL DRAWING

ORDERING CODES for SMY 1 1/4" REGULATOR

ordering code for 1 1/4" 0 - 12 bar : SMYREG114M1300

ORDERING CODES for SMY 1 1/2" REGULATOR

ordering code for 1 1/2" 0 - 12 bar : SMYREG112M1300

ORDERING CODES for 1/4" MANOMETER

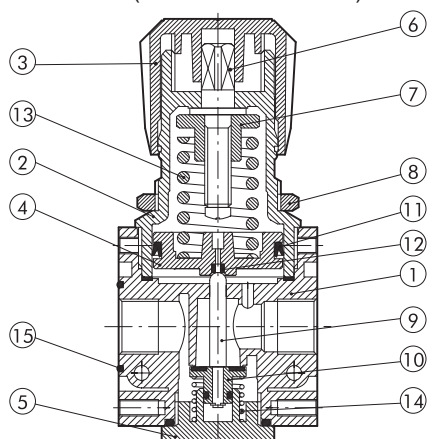
ordering code for 0 - 16 bar : SMSMAN14A1663

* Supplied with manometer

Fluid	: Compressed air
Regulating range	: Standart 0 - 12 bar
Pressure range	: max. 13 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1 1/4" or 1 1/2" (BSPP parallel thread)
Flow rate	: 5.000 NI / min. at 6 bar
Manometer thread	: 1/4"
Mounting position	: In any
Materials	
Body	: Zamak
Adjusting knob	: Technopolimer
Springs	: Steel
Gaskets	: NBR
Hysteresis	: + / - 0,5 bar
Blow of	: Standart BLOW OFF for over pressure

1 1/4" – 1 1/2" REGULATOR

INTERNAL PARTS (without terminals)



1. Body (zamak)
2. Technopolimer support
3. Adjusting knob
4. Piston
5. Buttom plug
6. Pressure adjusting screw
7. Nut (ot 58)

8. Panel assembly nut
9. Spool (ot 58)
10. Gasket NBR
11. Main seal NBR
12. Plug seal for relieve
13. Spring (steel)
14. Spool spring
15. Gasket NBR

ACCESSORIES

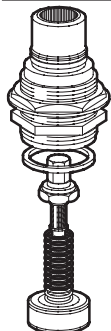


1/4" Ø 63 mm 0 – 16 BAR manometer
Cod. SMSMAN14A1663

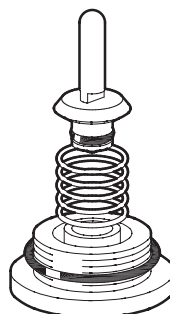


Aluminium part for pressure out
Cod. SMSAHC01M0000

SPARE PARTS



1 1/4" – 1 1/2" Regulator spare part kit
Cod. SMSTTK01MRETT



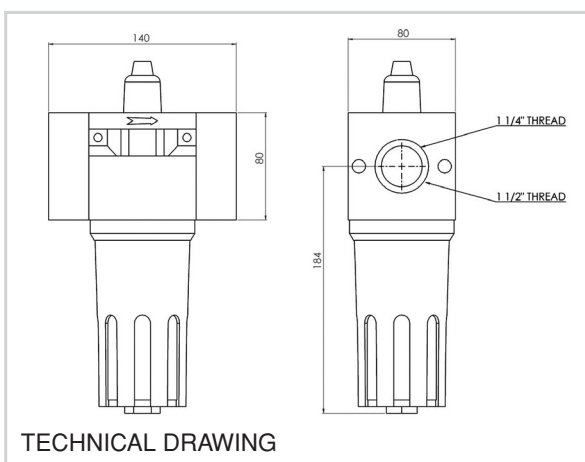
1 1/4" – 1 1/2" Regulator bottom parts
Cod. SMSTTK01MRATT

1 1/4" – 1 1/2" LUBRICATOR



1 1/4" – 1 1/2" SMY LUBRICATOR

- * Inlet and Outlet is 1 1/4" or 1 1/2" with Al. terminal
- * Max pressure is 13 bar
- * Flow rate is 10.000 lt/ min
- * Aluminium body
- * Aluminium bowl with technopolimer window
- * Plug on the top version for easy filling lubricants
- * Lubricating adjustment with screwdriver
- * Very efficient lubricating fog



TECHNICAL DRAWING

ORDERING CODES for SMY 1 1/4" LUBRICATOR

ordering code for 1 1/4" Lubricator : SMYYAG114M1300

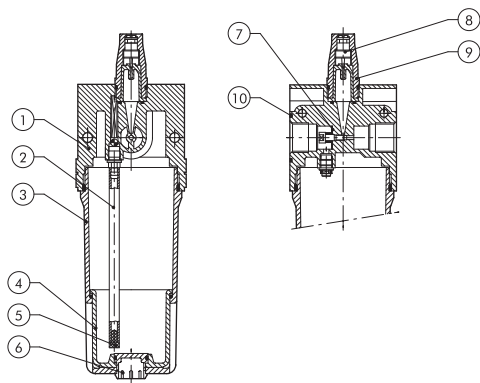
ORDERING CODES for SMY 1 1/2" LUBRICATOR

ordering code for 1 1/2" Lubricator : SMYYAG112M1300

*Depending upon the adjusting
* screw of lubrication.
One drop / minute is recommended*

Fluid	: Compressed air
Lubricating system	: venturi
Pressure range	: max. 13 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1 1/4 " or 1 1/2" (BSPP parallel thread)
Flow rate	: 10.000 NI / min. at 6 bar
Bowl capacity	: 170 cm ³
Mounting position	: Vertical
Materials	
Body	: Zamak
Bowl	: Aluminium
Bowl screen	: Technopolimer
Gaskets	: NBR
Efficient drop	: One drop every 300 lt / min
Lubricants (rec.)	: ISO and UNI FD 22

INTERNAL PARTS (without terminals)



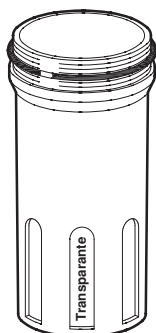
1. Body (zamak)
2. Suction pipe
3. Bowl Aluminium
4. Techno bowl
5. Bronze filter
6. Plug
7. Venturi diaphragm
8. Oil drop adjusting screw
9. Lubricating adjuster
10. Gaskets NBR
11. Oil filling plug (not shown)

ACCESSORIES

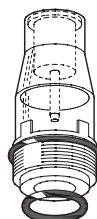


Aluminium part for pressure out
Cod. SMSAHC01M0000

SPARE PARTS



1 1/4" – 1 1/2" Bowl for lubricator
Cod. SMSTTK01MYKTT



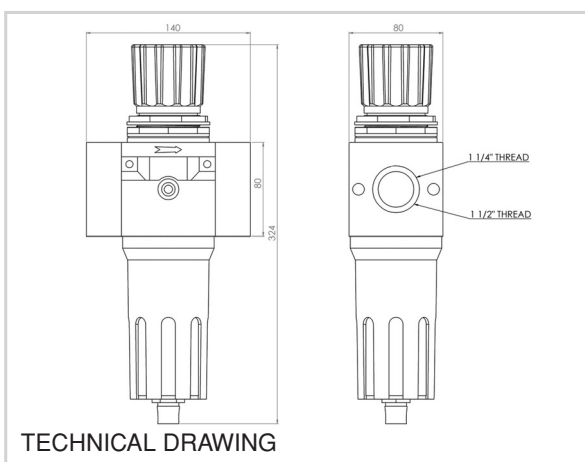
1 1/4" – 1 1/2" Lubricating adjuster
Cod. SMSTTK010YCTT

1 1/4" – 1 1/2" FILTER REGULATOR



1 1/4" – 1 1/2" SMY FILTER REGULATOR

- * Inlet and Outlet is 1 1/4" or 1 1/2" with Al. terminal
- * Max pressure is 13 bar
- * Flow rate is 5.000 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 12 bar
- * Filtering degree is 50 µm



TECHNICAL DRAWING

ORDERING CODES for SMY 1 1/4" FILTER REGULATOR

ordering code for 1 1/4" : SMYFRO114M1350

ORDERING CODES for SMY 1 1/2" FILTER REGULATOR

ordering code for 1 1/2" : SMYFRO112M1350

ordering code for 0 - 16 bar manometer : SMSMAN14A1663

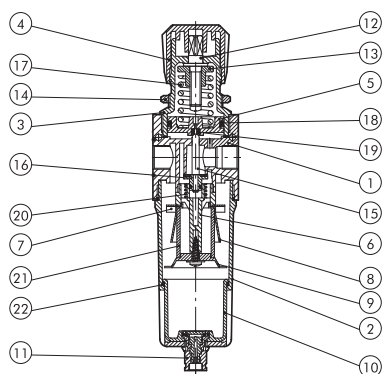
ordering code for automatic drain : SMSOTT00M18ST

* Supplied with manometer

Fluid	: Compressed air
Regulating range	: Standart 0 - 12 bar
Pressure range	: max. 13 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1 1/4" or 1 1/2" (BSPP parallel thread)
Flow rate	: 5.000 NI / min. at 6 bar
Manometer thread	: 1/4"
Mounting position	: Vertical
Filtering degree	: Standart 50 µm
Drain	: Semi automatic / On request automatic
Bowl capacity	: 170 cm ³
Gaskets	: NBR
Bowl material	: Aluminium with technopolimer window
Hysteresis	: + / - 0,5 bar
Blow of	: Standart BLOW OFF for over pressure

1 1/4" – 1 1/2" FILTER REGULATOR

INTERNAL PARTS (without terminals)



- | | |
|-------------------------------------|-----------------------------------|
| 1. Body (zamak) | 12. Adjusting screw |
| 2. Aluminium bowl with tech. window | 13. Nut |
| 3. Technopolimer support | 14. Panel mounting nut |
| 4. Adjusting knob | 15. spool |
| 5. Piston | 16. |
| 6. Buttom plug | 17. Spring (steel) |
| 7. Centrifuge | 18. Main gasket NBR |
| 8. The wing | 19. Plug seal for releive |
| 9. Bowl window | 20. Gasket NBR |
| 10. Technopolimer bowl | 21. Cartridge (sintered bronze) |
| 11. Semi automatic drain | 22. NBR gasket |

ACCESSORIES

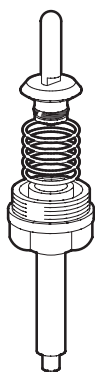


1/4" Ø 63 mm 0 – 16 BAR manometer
Cod. SMSMAN14A1663

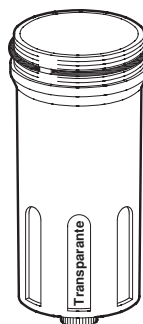


Automatic drain
Cod. SMSOTT00M18ST

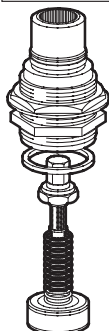
SPARE PARTS



1 1/4" – 1 1/2" FR spare part kit
Cod. SMSTTK01MFRTT



1 1/4" – 1 1/2" Bowl for filter
Cod. SMSTTK01MFKTT



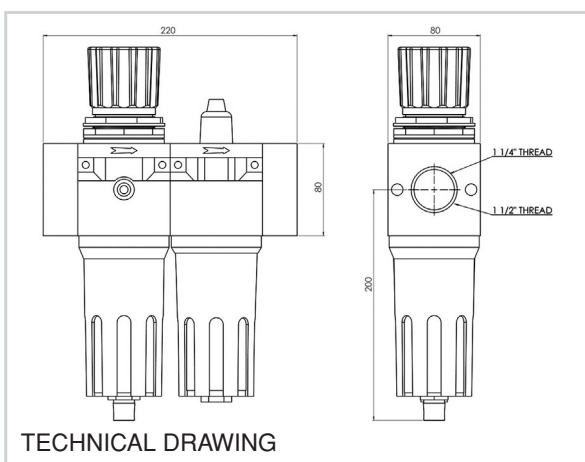
1 1/4" – 1 1/2" Regulator spare part kit
Cod. SMSTTK01MRETT

1 1/4" – 1" 1/2" FR + L



1 1/4" - 1 1/2" SMY FR + L

- * Inlet and Outlet is 1 1/4" or 1 1/2" with Al. terminal
- * Max pressure is 13 bar
- * Flow rate is 5.000 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 12 bar
- * Filtering degree is 50 µm



TECHNICAL DRAWING

ORDERING CODES for SMY 1 1/4" FR + L

ordering code for 1 1/4" FR + L : SMY2LI114M1350

ORDERING CODES for SMY 1 1/2" FR + L

ordering code for 1 1/2" FR + L : SMY2LI112M1350

ordering code for 0 - 16 bar manometer : SMSMAN14A1663

ordering code for automatic drain : SMSOTT00M18ST

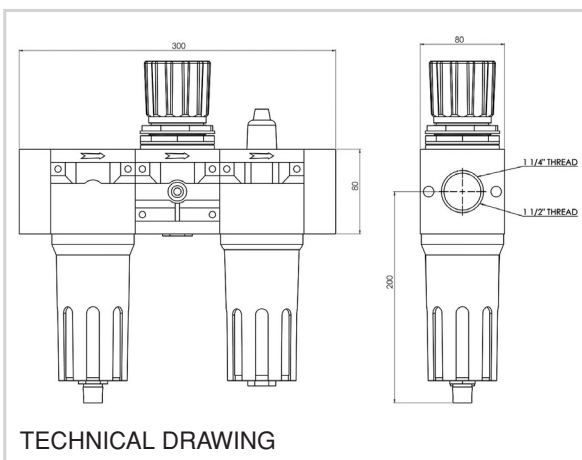
* Supplied with manometer

Fluid	: Compressed air
Regulating range	: Standart 0 - 12 bar
Pressure range	: max. 13 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1 1/4" or 1 1/2" (BSPP parallel thread)
Flow rate	: 5.000 NI / min. at 6 bar
Manometer thread	: 1/4"
Mounting position	: Vertical
Filtering degree	: Standart 50 µm
Drain	: Semi automatic / On request automatic
Bowls capacity	: 170 cm ³
Gaskets	: NBR
Lubricating system	: With venturi
Hysteresis	: + / - 0,5 bar
Blow of	: Standart BLOW OFF for over pressure



1 1/4" – 1 1/2" SMY F + R + L

- * Inlet and Outlet is 1 1/4" or 1 1/2" with Al. terminal
- * Max pressure is 13 bar
- * Flow rate is 5.000 lt/ min
- * Aluminium body
- * Standart over pressure blow off
- * Standart adjusting range is 0 - 12 bar
- * Filtering degree is 50 µm



TECHNICAL DRAWING

ORDERING CODES for SMY 1 1/4" F + R + L

ordering code for 1 1/4" F + R + L : SMY3LU114M1350

ORDERING CODES for SMY 1 1/2" F + R + L

ordering code for 1 1/2" F + R + L : SMY3LU112M1350

ordering code for 0 - 16 bar manometer : SMSMAN14A1663

ordering code for automatic drain : SMSOTT00M18ST

* Supplied with manometer

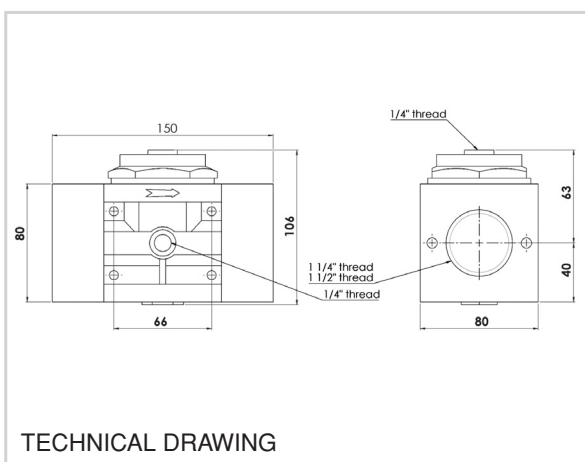
Fluid	: Compressed air
Regulating range	: Standart 0 - 12 bar
Pressure range	: max. 13 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1 1/4" or 1 1/2" (BSPP parallel thread)
Flow rate	: 5.000 NI / min. at 6 bar
Manometer thread	: 1/4"
Mounting position	: Vertical
Filtering degree	: Standart 50 µm
Drain	: Semi automatic / On request automatic
Bowls capacity	: 170 cm ³
Gaskets	: NBR
Lubricating system	: With venturi
Hysteresis	: + / - 0,5 bar
Blow of	: Standart BLOW OFF for over pressure

1 1/4" – 1 1/2" pilot REGULATOR



1 1/4" - 1 1/2" Pilot REGULATOR

- * Inlet and Outlet has 1 1/4" or 1 1/2" BSPP parallel thread
- * Max pressure is 13 bar
- * Flow rate is 5.000 lt/ min
- * Aluminium body
- * No over pressure blow off / Release from external regulator.
- * Adjusting range is depends upon the external regulator.
- * Manometer thread is 1/4"



TECHNICAL DRAWING

ORDERING CODES for SMY 1 1/4" – 1 1/2" SMY REGULATOR

ordering code for 1 1/4" : SMSPRE114M1300
 ordering code for 1 1/2" : SMSPRE112M1300

ORDERING CODES for 1/4" MANOMETER

ordering code for 0 - 16 bar : SMSMAN14A1663

* Supplied with manometer

Fluid	: Compressed air
Regulating range	: Depend upon the external regulator
Pressure range	: max. 13 bar
Temperature range	: - 10 °C / + 50 °C
Inlet / outlet thread	: 1 1/4" – 1 1/2" (BSPP parallel thread)
Flow rate	: 5.000 NI / min. at 6 bar
Manometer thread	: 1/4"
Mounting position	: In any

Materials

Body : Zamak

Pilot pressure inlet : On top 1/4" bspp

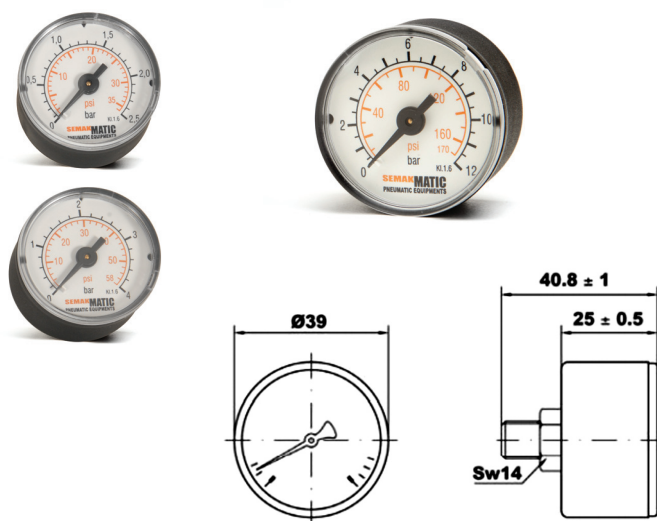
Springs : Steel

Gaskets : NBR

Hysteresis : Depends upon the external regulator

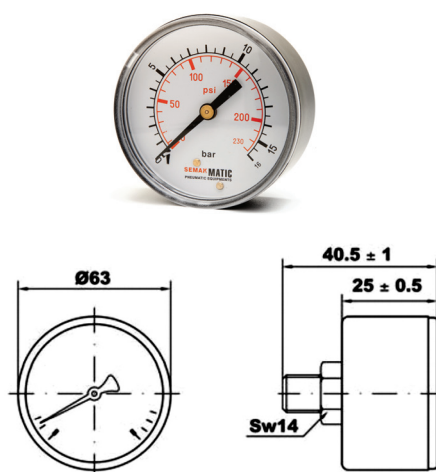
Blow of : No BLOW OFF for over pressure

1/8" Ø40 mm dry manometer (Cl. 1.6)
(0 – 2,5 bar / 0 – 4 bar / 0 – 12 bar)



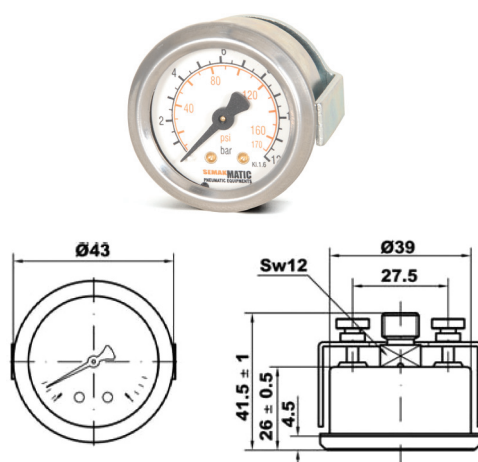
Working system	Bourdon tube pressure gauge
Protection degree	IP 31 for EN 60 529 / IEC 529
Working pressure	STEADY : 75 % of the scale FLUCTUATING : 60 % of the full scale LIMITED TIME : full scale value
Pressure connection	1/8"
Scales bar / psi	0 - 12 bar / 0 - 4 bar / 0 - 2,5 bar
Design	EN 837 - 1
Case & Window	Black / Transparant plastic
Weight	45 gr.
Temperature range	- 10 °C / + 50 °C
Code for 0 - 2,5 bar	SMSMAN18A2540
Code for 0 - 4 bar	SMSMAN18A0440
Code for 0 - 12 bar	SMSMAN18A1240

1/4" Ø63 mm 0 – 16 bar dry manometer (Cl. 1.6)



Working system	Bourdon tube pressure gauge
Protection degree	IP 31 for EN 60 529 / IEC 529
Working pressure	STEADY : 75 % of the scale FLUCTUATING : 60 % of the full scale LIMITED TIME : full scale value
Pressure connection	1/4"
Scales bar / psi	0 - 16 bar
Design	EN 837 - 1
Case & Window	Black / Transparant plastic
Weight	70 gr.
Temperature range	- 10 °C / + 50 °C
Code for 0 - 16 bar	SMSMAN14A1663

1/8" Ø40 mm 0 – 12 BAR dry manometer (Cl 1.6)
PANEL MOUNTED



Working system	Bourdon tube pressure gauge
Protection degree	IP 31 for EN 60 529 / IEC 529
Working pressure	STEADY : 75 % of the scale FLUCTUATING : 60 % of the full scale LIMITED TIME : full scale value
Pressure connection	1/8"
Scales bar / psi	0 - 12 bar
Design	EN 837 - 1
Case & Window	Zinc plated steel / transparent plastic
Weight	100 gr.
Temperature range	- 10 °C / + 50 °C
Code for 0 - 12 bar	SMSMAN18B1240

1/4" PROPORTIONAL REGULATOR



- ❑ Flow rate is 500 NI / min. at 6 bar
- ❑ Weight is 500 gr.
- ❑ Pneumatic connection is 1/4"
- ❑ 4 – 20 mA (impedance 357 Ω)
- ❑ Dimensions are 60 * 60 * 97 mm
- ❑ M12 connecting port
- ❑ RS 232 and keypad controll, digital version
- ❑ 1 % hysteresis

The new SEMAKMATIC serie of electronic proportional pressure regulator is for advanced mechatronic systems for industrial automation and process control applications. Smart control system is able to satisfy any application requirement, ensuring exceptionally high performance. The futures are,
Compact and lightweight design,
Fast response time,
Long operation life time,
User friendly keypad for manuel control,

OPERATION,

The SMSORE serie, regulates the output pressure by constantly monitoring the pressure set point value, the input control signal and the integrated pressure sensor signal any discrepancy translates in the opening of one of the internal 2/2 solenoid valves in order to restore the required pressure value. The speed and precision parameters of the pressure regulation can be configured by the operator through an RS232 connection or the keypad available at the top of the product .

Once properly configured the pressure regulator can interrupt the regulation incase of inlet pressure lack (stand by mode) for safety reason until the proper inlet pressure value result restored.

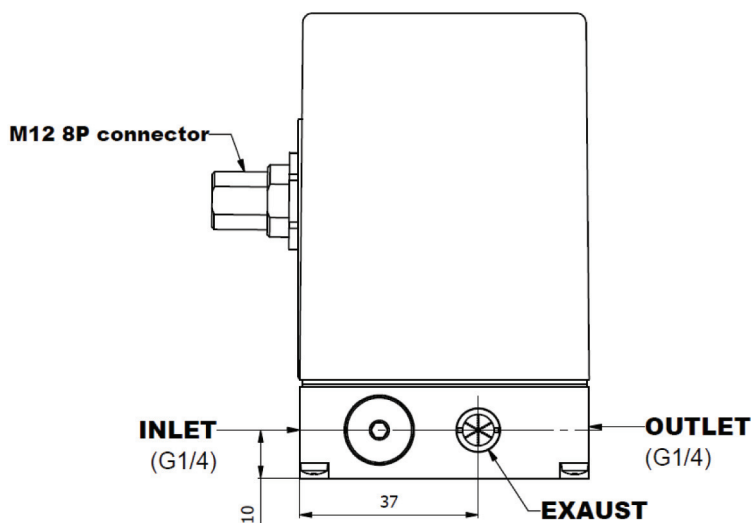
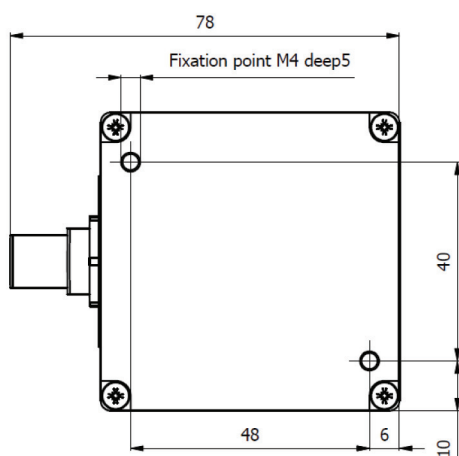
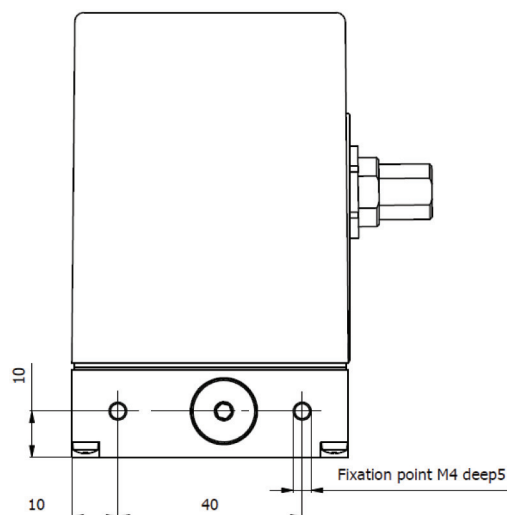
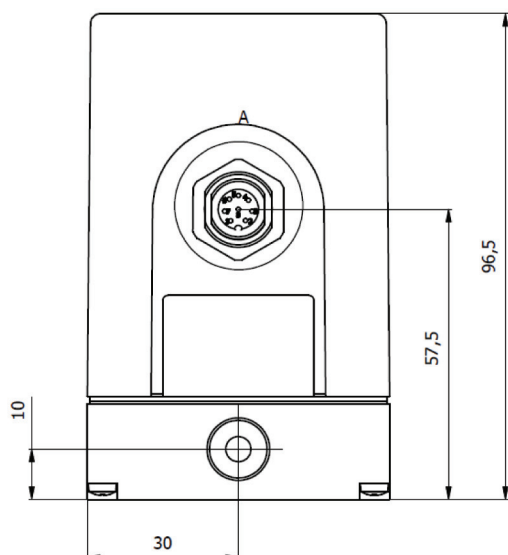
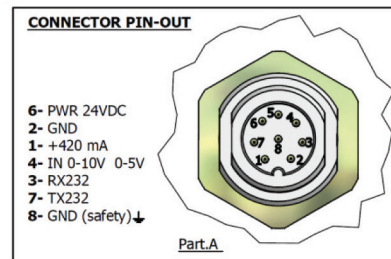
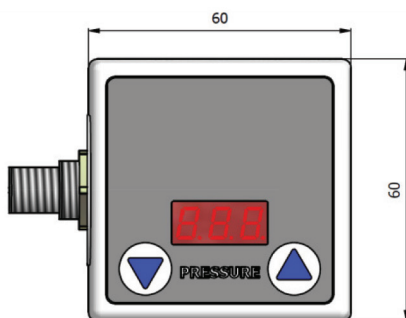
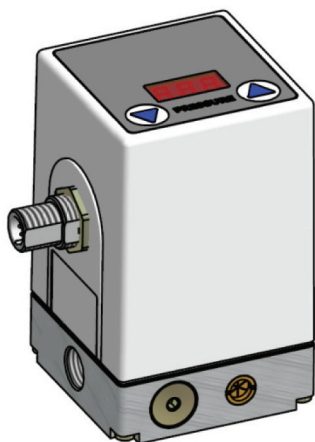
ORDERING CODES for SMY 1 1/4" – 1 1/2" SMY REGULATOR

1/4" PROPORTIONAL REGULATOR	: SMSORE14M0800
M12 ADAPTOR with CABLE	: SMSORE14M080K

Fluid	: Compressed filtered air without lubrication min. 1 mikron filtered pressured air recommended .
Inlet pressure	: max. 8 bar
Temperature range	: - 10 °C / + 50 °C
Version	: Digital with keypad
Electrical details	
Reaction time	: 5 ms
Max. power consumption	: 1,5 A
Repeatability	: 1%
Power supply	: 24 v DC
Outlet pressure	: 0 – 7 bar
Exhaust	: Sintered brass
Inlet / outlet threads	: 1/4" BSPP
Socket	: M12 with 8 poles
Valve	: 2/2 n.c

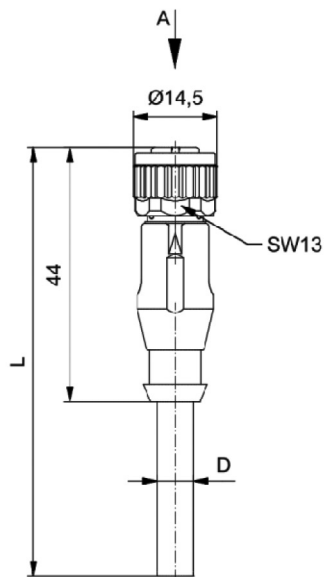
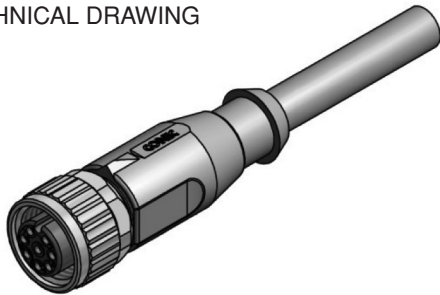
1/4" PROPORTIONAL REGULATOR

DRAWINGS

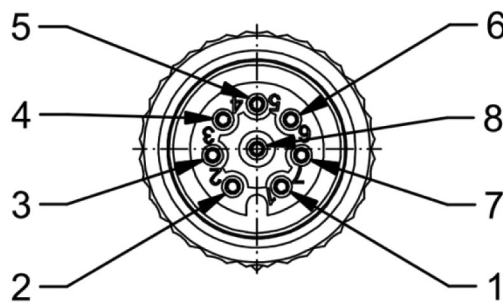


M12 CONNECTOR with CABLE

TECHNICAL DRAWING



White	1.	+4 – 20 mA CONTROL
Brown	2.	GND
Green	3.	+4 – 20 mA OUTPUT
Yellow	4.	IN 0 – 10 V 0 – 5 V
Grey	5.	
Pink	6.	PWR 24 v DC
Blue	7.	-4 – 20 mA OUTPUT
Red	8.	GND (safety)



ORDERING CODE

M12 ADAPTOR with CABLE : SMSORE14M080K

Rated voltage : IEC 61076 – 2- 101 / 8 position / 30 v

Current rating : IEC 61076 – 2 – 101 / 2A at 40 °C

Insulating resistance : IEC 60512 ≥ 100 M

Pollution degree : IEC 60664 – 1 3/2

Degree of protection : IP 67 , in mated condition

Temperature range : IEC 60664 – 1 / - 10 °C + 50 °C...

Mating cycles : IEC 60512 – 9a ≥ 100

MATERIALS

Contact : CuZn

Contact plating : Nickel gold plated

Sealing : FPM

Coupling nut : GD – Zn , nickel plated

Moulding body : TPU , UL 94 , grey

1/4" METAL SERIE F. R. L.	 Pag. 1	 Pag. 3	 Pag. 5	 Pag. 7	 Pag. 9	 Pag. 10
1/2" METAL SERIE F. R. L.	 Pag. 11	 Pag. 13	 Pag. 15	 Pag. 17	 Pag. 19	 Pag. 22
1" METAL SERIE F. R. L.	 Pag. 23	 Pag. 25	 Pag. 29	 Pag. 31	 Pag. 33	 Pag. 34
3/4" – 1" SMY F. R. L.	 Pag. 35	 Pag. 37	 Pag. 39	 Pag. 41	 Pag. 43	 Pag. 44
1 1/4" - 1 1/2" SMY F. R. L.	 Pag. 45	 Pag. 47	 Pag. 49	 Pag. 51	 Pag. 53	 Pag. 55
MANOMETERS	 Pag. 56	 Pag. 56	 Pag. 56	 Pag. 56		
1/4" PROPORTIONAL REGULATORS	 Pag. 57					

Certificate of Registration



This is to certify that the Quality Management System of
SEMAKMATİK San. ve Tic. Ltd. Şti.

Yedpa Tic. Merkezi B Cad. No 65 /- 66 Kayışdağı, Ümraniye, İstanbul, Turkey

applicable to

Sales and installation of pneumatic equipments

has been assessed and registered by NQA against the provisions of

BS EN ISO 9001 : 2008

This registration is subject to the company maintaining a quality management system,
to the above standard, which will be monitored by NQA

Ayhan Kocak

Certification Director



Certificate No:
Date:
Valid Until:
EAC code:

39272
20 September 2013
20 September 2016
18/29

The use of the UKAS Accreditation Mark indicates accreditation in respect of those activities covered by the accreditation certificate number 015 held NQA.
NQA is a trading division of ASCOTRA Group Ltd, Registration No. 02513162. Registered Office: Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, Bedfordshire, LU5 5ZX.
This certificate is the property of NQA and must be returned on request.

SEMAKMATİK LTD. ŞTİ.

ISO 9001

CERTIFIED COMPANY



CYLINDERS



VALVES



FRL



SEMAKMATIC
PNEUMATIC EQUIPMENTS



FITTINGS



VACUUM



INOX

SEMAKMATİK

SAN. TİC. LTD. ŞTİ.

DARÜLACEZE CAD. PERPA TİC. MERKEZİ
B BLOK KAT 11 No. 1639 OKMEYDANI / İSTANBUL
TURKEY

TEL : 0090 212 221 27 80 FAX: 0090 212 221 20 46

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OCAK 2015 / JANUARY 2015