- Port size G1/4 - G3/8
- Modular air preparation series
- Robust and lightweight zinc body construction
- Rolling diaphragm for extended life
- Soft start valve for slow pressure build up in pneumatic circuits
- Dump valves for quick downstream pressure exhaust
- Tamperproof regulator options available
- Secondary pressure ranges 4, 8 and 16 bar



Operating information

Working pressure:	Max 16 bar
Working temperature:	0 °C to +50 °C

* Low temperature capabilities -40°C for Filters, Filter/Regulators and Regulators on request.

Flow characteristics

Flow m³/h	**1/4**	**3/8**
Filter + Regulator + Lubricator	50	47
Filter-Regulator + Lubricator	53	47
Filter-Water-Separator	86	91
Dust Filter	80	97
Coalescing Filter	35	35
Adsorber Filter	35	35
Regulator	171	198
Filter Regulator	137	192
Lubricator	110	113

Filters

5 micron (40 micron options available)

Port size	Description	**Order Code**
G1/4	Standard with 5µ element	**P3SFA12EPPN**
G1/4	Semi auto drain 5µ element	**P3SFA12EPSN**
G1/4	Auto drain 5µ element	**P3SFA12EPAN**
G1/4	Metal bowl with sight glass 5µ element	**P3SFA12ESPN**
G3/8	Standard with 5µ element	**P3SFA13EPPN**
G3/8	Semi auto drain 5µ element	**P3SFA13EPSN**
G3/8	Auto drain 5µ element	**P3SFA13EPAN**
G3/8	Metal bowl with sight glass 5µ element	**P3SFA13ESPN**

Regulators

4, 8 & 16 bar (non relieving options available)

Port size	Description	**Order Code**
G1/4	Standard 8 bar	**P3SRA12BNNP**
G1/4	Standard 8 bar with Gauge	**P3SRA12BNGP**
G1/4	With adaptor for key lock	**P3SRA12BANP**
G1/4	With common p1 supply	**P3SHA12BNNP**
G1/4	Pilot operated	**P3SRA12BPPP**
G3/8	Standard 8 bar	**P3SRA13BNNP**
G3/8	Standard 8 bar with Gauge	**P3SRA13BNGP**
G3/8	With adaptor for key lock	**P3SRA13BANP**
G3/8	With common p1 supply	**P3SHA13BNNP**
G3/8	Pilot operated	**P3SRA13BPPP**

Coalescing Filters

0,01 micron element

Port size	Description	**Order Code**
G1/4	Standard with manual drain	**P3SFA12CPPN**
G1/4	Metal bowl with sight glass	**P3SFA12CSPN**
G3/8	Standard with manual drain	**P3SFA13CPPN**
G3/8	Metal bowl with sight glass	**P3SFA13CSPN**

Adsorber Filters

Port size	Description	**Order Code**
G1/4	Standard with manual drain	**P3SFA12APPN**
G1/4	Metal bowl with sight glass	**P3SFA12ASPN**
G3/8	Standard with manual drain	**P3SFA13APPN**
G3/8	Metal bowl with sight glass	**P3SFA13ASPN**

Lubricators

Port size	Description	**Order Code**
G1/4	Standard	**P3SLA12LPNN**
G1/4	Closed metal bowl with sight glass	**P3SLA12LSNN**
G3/8	Standard	**P3SLA13LPNN**
G3/8	Closed metal bowl with sight glass	**P3SLA13LSNN**

Filter + Regulator + Lubricator combination
(wall bracket mount and gauge included)

Port size	Description	Order Code
G1/4	Standard with 5µ element, manual drain	**P3SCB12PEPNGLNW**
G1/4	Semi auto drain 5µ element, manual drain	**P3SCB12PESNGLNW**
G1/4	Auto drain 5µ element, manual drain	**P3SCB12PEANGLNW**
G3/8	Standard with 5µ element, manual drain	**P3SCB13PEPNGLNW**
G3/8	Semi auto drain 5µ element, manual drain	**P3SCB13PESNGLNW**
G3/8	Auto drain 5µ element, manual drain	**P3SCB13PEANGLNW**

Filter/Regulators
4, 8 & 16 bar (40 micron options available)

Port size	Description	Order Code
G1/4	Standard with 5µ element	**P3SEA12EPPBNNN**
G1/4	Semi auto drain 5µ element	**P3SEA12EPSBNNN**
G1/4	Auto drain 5µ element	**P3SEA12EPABNNN**
G1/4	Metal bowl with sight glass 5µ element	**P3SEA12ESPNGLNW**
G3/8	Standard with 5µ element	**P3SEA13EPPBNNN**
G3/8	Semi auto drain 5µ element	**P3SEA13EPSBNNN**
G3/8	Auto drain 5µ element	**P3SEA13EPABNNN**
G3/8	Metal bowl with sight glass 5µ element	**P3SEA13ESPNGLNW**

Proportional Pressure Regulator

Port size	Description	Order Code
G1/4	Normally closed, Control Signal 0-10V Pressure Range 0-10 bar	**P3SPA12AD2VA2A**
G1/4	Normally closed, Control Signal 4-20mA Pressure Range 0-10 bar	**P3SPA12AD2AA2A**
G1/4	Normally open / fail safe Control Signal 0-10V Pressure Range 0-10 bar	**P3SPA12ED2VA2A**
G1/4	Normally open / fail safe Control Signal 4-20mA Pressure Range 0-10 bar	**P3SPA12ED2AA2A**
G3/8	Normally closed, Control Signal 0-10V Pressure Range 0-10 bar	**P3SPA13AD2VA2A**
G3/8	Normally closed, Control Signal 4-20mA Pressure Range 0-10 bar	**P3SPA13AD2AA2A**
G3/8	Normally open / fail safe Control Signal 0-10V Pressure Range 0-10 bar	**P3SPA13ED2VA2A**
G3/8	Normally open / fail safe Control Signal 4-20mA Pressure Range 0-10 bar	**P3SPA13ED2AA2A**

Filter/Regulator + Lubricator combination
(wall bracket mount and gauge included)

Port size	Description	Order Code
G1/4	Standard with 5µ element, manual drain	**P3SCA12PEPNGLNW**
G1/4	Semi auto drain 5µ element	**P3SCA12PESNGLNW**
G1/4	Auto drain 5µ element	**P3SCA12PEANGLNW**
G1/4	Metal bowl with sight glass 5µ element	**P3SCA12SEPNGLNW**
G3/8	Standard with 5µ element, manual drain	**P3SCA13PEPNGLNW**
G3/8	Semi auto drain 5µ element	**P3SCA13PESNGLNW**
G3/8	Auto drain 5µ element	**P3SCA13PEANGLNW**
G3/8	Metal bowl with sight glass 5µ element	**P3SCA13SEPNGLNW**

Slider Valve

Port size	Description	Order Code
G1/4	3/2 way shut off valve 3-fold lockable	**P3SVA12LSN**
G3/8	3/2 way shut off valve 3-fold lockable	**P3SVA13LSN**

Soft Start Valve & Dump Valves

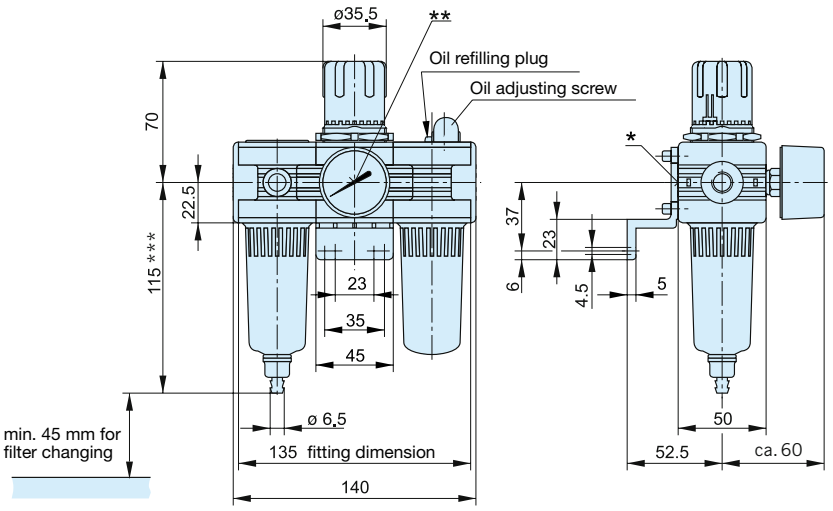
Port size	Description	Order Code
G1/4	Soft Start Valve	**P3SSA12Y0N**
G1/4	Dump Valve Air Pilot	**P3SDA12PPN**
G1/4	Solenoid Pilot 24V =	**P3SDA12SCNB2CN**
G1/4	Solenoid Operated (solenoid not included)	**P3SDA12SCN0000**
G3/8	Soft Start Valve	**P3SSA13Y0N**
G3/8	Dump Valve Air Pilot	**P3SDA13PPN**
G3/8	Solenoid Pilot 24V =	**P3SDA13SCNB2CN**
G3/8	Solenoid Operated (solenoid not included)	**P3SDA13SCN0000**

Accessories

Description	Order Code
Wall Mount Kit - standard	**P3SKA00MW**
Wall Mount Kit for common p1 regulator	**P3SKA00MB**
Assembly Kit	**P3SKA00CB**
Branch manifold, 3 x G1/8, 1 x G1/4 for pressure switch incl. assembly material	**P3SMA1V0N**
Gauge Ø 40, 0-10 bar, G1/8	**KZ8813-00**
Lock for tamperproof regulator	**P3XKA00AS**

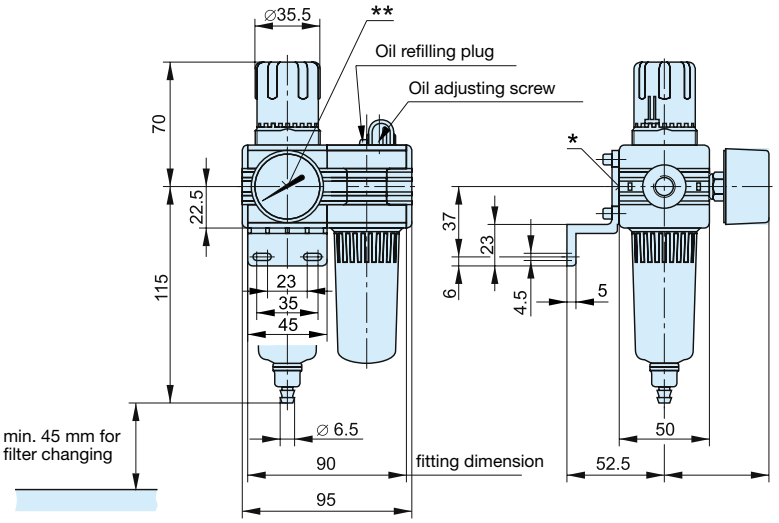
Dimensions (mm)

Filter + Regulator + Lubricator combination



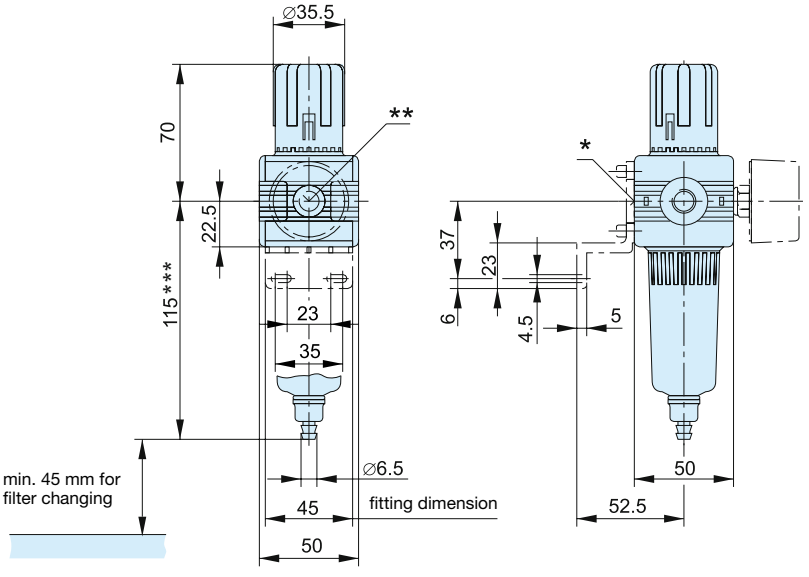
* On delivery the plug screw is not assembled
** Two opposite gauge ports G1/8
*** 148 mm on version with automatic drainage

Filter/Regulator + Lubricator combination



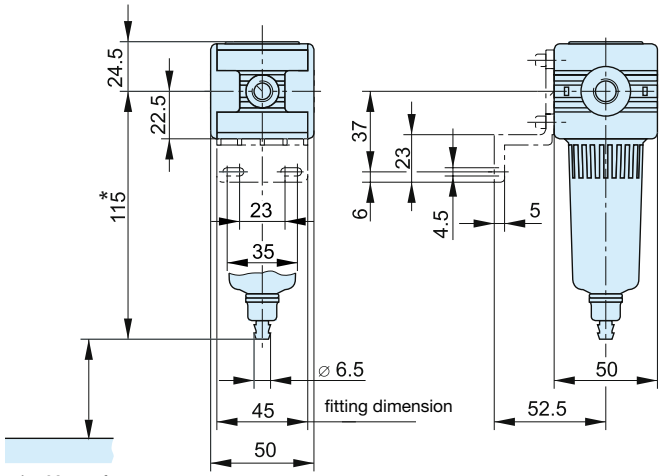
* On delivery the plug screw is not assembled
** Two opposite gauge ports G1/8
*** 148 mm on version with automatic drainage

Filter/Regulator



Dimensions (mm)

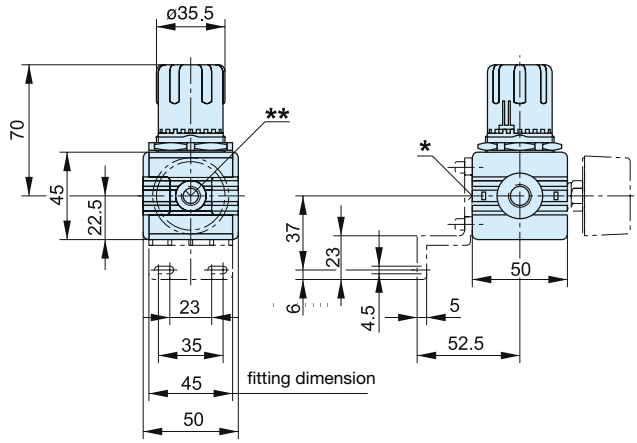
Filter



min. 60 mm for filter changing

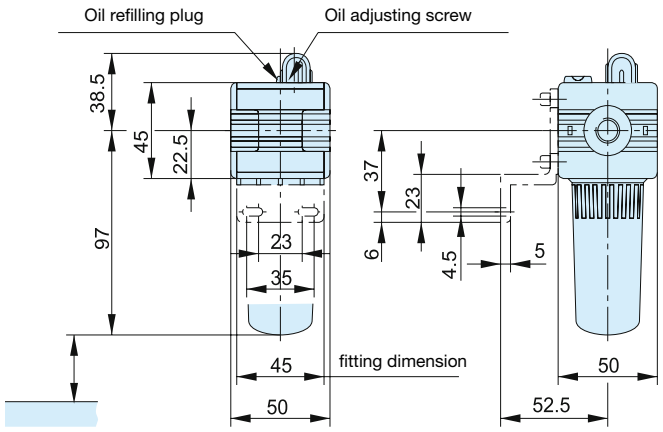
* 148 mm on Automatic drain version

Regulator



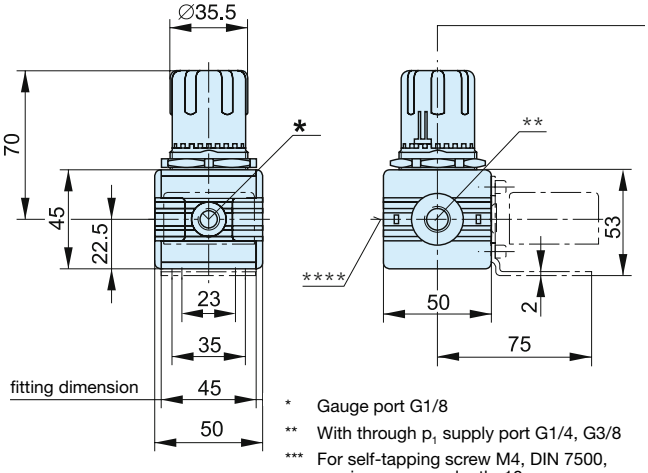
* On delivery the plug screw is not assembled
** Two opposite gauge ports G1/8
*** For self-tapping screw M4, DIN 7500, maximum screw depth: 10 mm

Lubricator



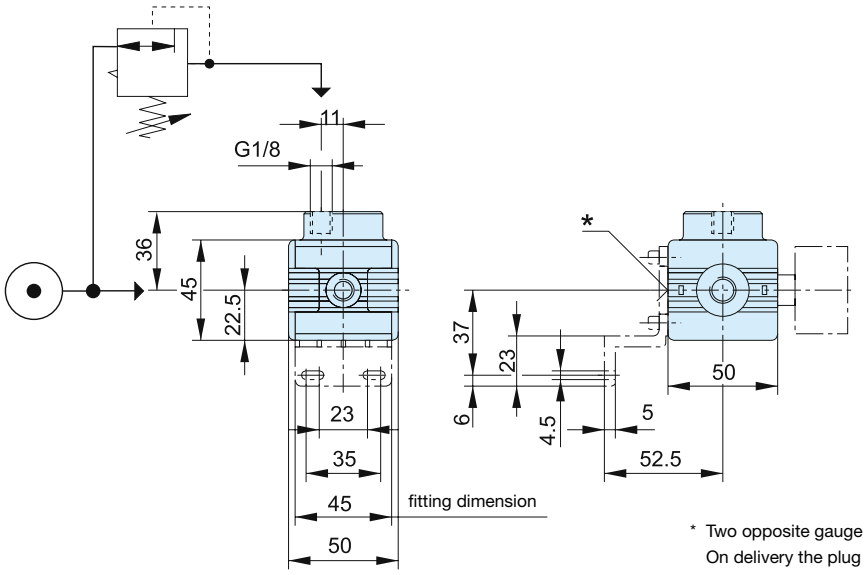
min. 45 mm for filter changing

Common - P1 Regulator



* Gauge port G1/8
** With through p_1 supply port G1/4, G3/8
*** For self-tapping screw M4, DIN 7500, maximum screw depth: 10 mm
**** p_2 port G1/4

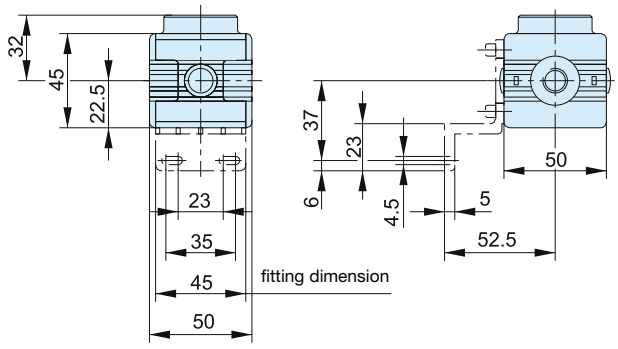
Pilot Operated Regulator



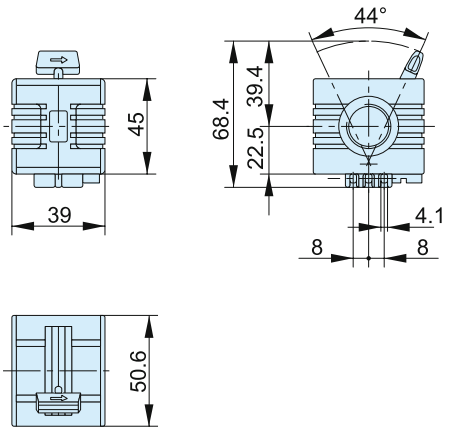
* Two opposite gauge ports G1/8
On delivery the plug screw is not assembled

Dimensions (mm)

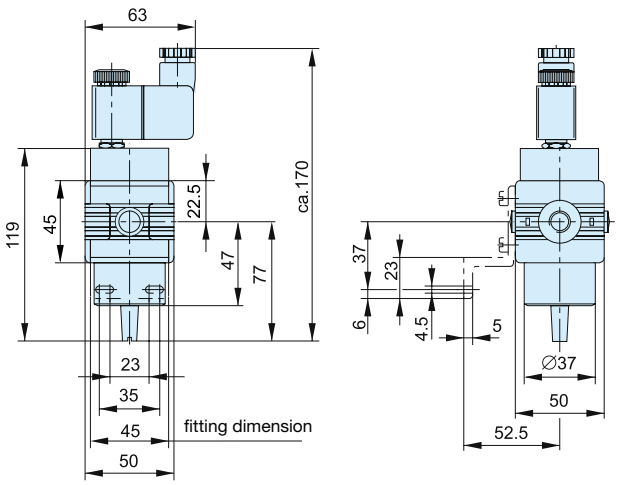
Start Valve



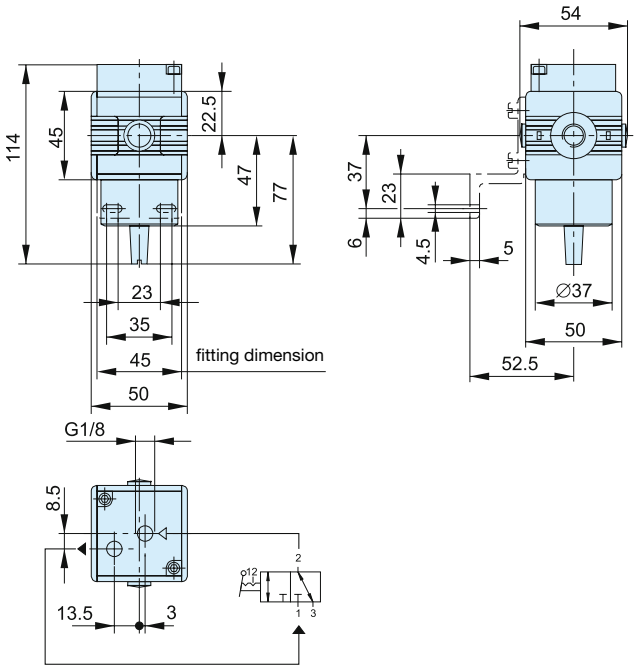
Slider Valve



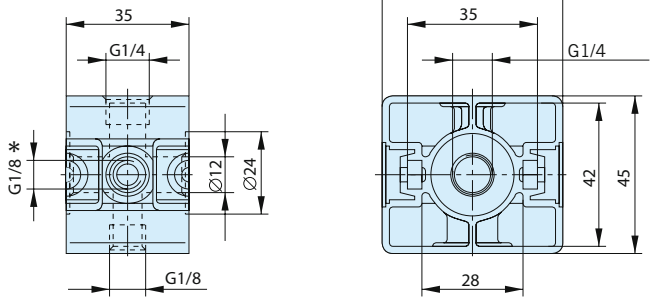
Remote Operated Dump Valve (electrically actuated)



Remote Operated Dump Valve (pneumatically actuated)



Branch Manifold



* G1/8 thread on both sides