

PDE2600PNUK

Parker Pneumatic
P3S - Air Preparation System

- 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 m ³ /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



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Filter + Regulator + Lubricator combination

(wall bracket mount and gauge included)

Port size	Description	Order Code
G1/4	Standard with 5μ element, manual drain	P3SCB12PEPGLNW
G1/4	Semi auto drain 5μ element, manual drain	P3SCB12PESGLNW
G1/4	Auto drain 5μ element, manual drain	P3SCB12PEAGLNW
G3/8	Standard with 5μ element, manual drain	P3SCB13PEPGLNW
G3/8	Semi auto drain 5μ element, manual drain	P3SCB13PESGLNW
G3/8	Auto drain 5μ element, manual drain	P3SCB13PEAGLNW

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	P3SEA12ESPGLNW
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	P3SEA13ESPGLNW

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	P3SCA12PEPGLNW
G1/4	Semi auto drain 5μ element	P3SCA12PESGLNW
G1/4	Auto drain 5μ element	P3SCA12PEAGLNW
G1/4	Metal bowl with sight glass 5μ element	P3SCA12SEPGLNW
G3/8	Standard with 5μ element, manual drain	P3SCA13PEPGLNW
G3/8	Semi auto drain 5μ element	P3SCA13PESGLNW
G3/8	Auto drain 5μ element	P3SCA13PEAGLNW
G3/8	Metal bowl with sight glass 5μ element	P3SCA13SEPGLNW

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

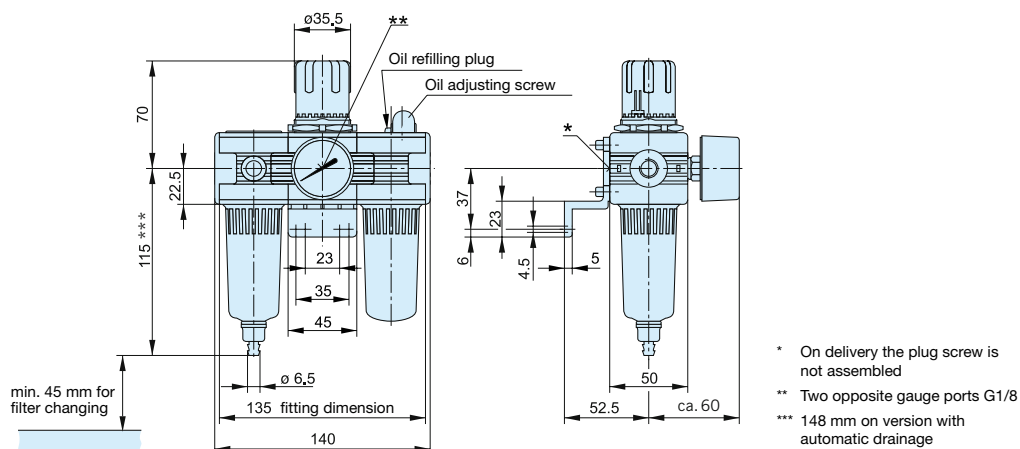


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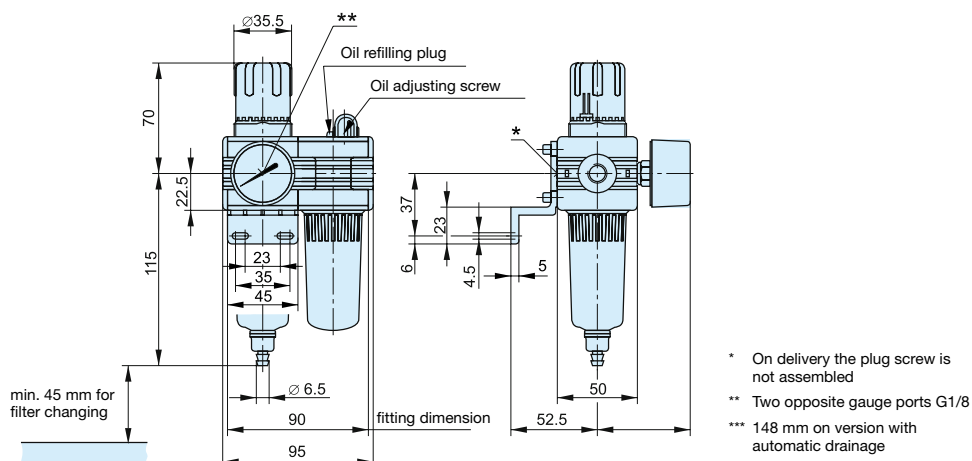
P3S - Air Preparation System

Dimensions (mm)

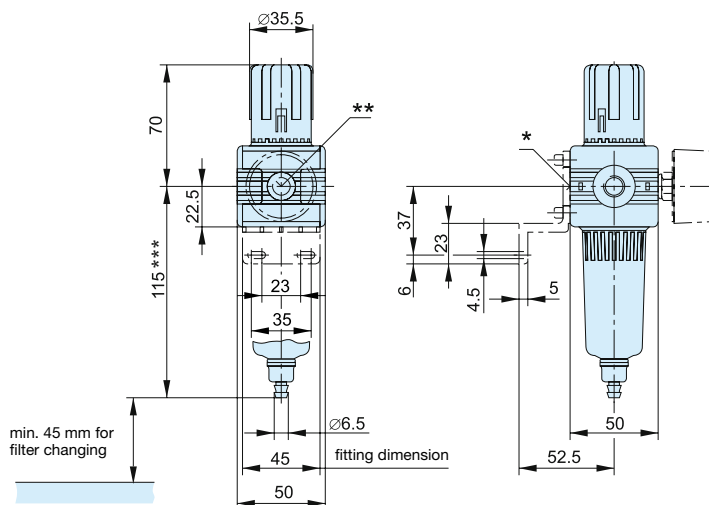
Filter + Regulator + Lubricator combination



Filter/Regulator + Lubricator combination



Filter/Regulator

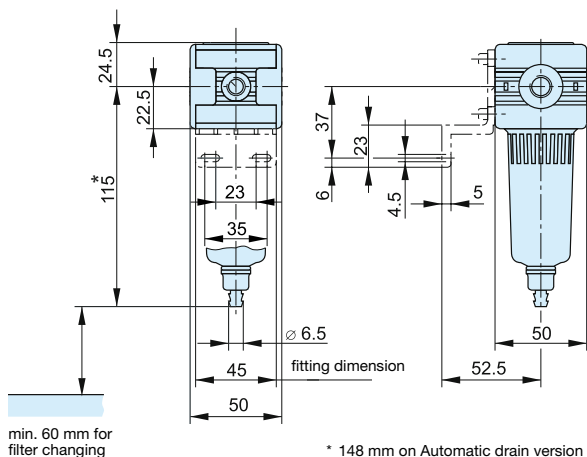


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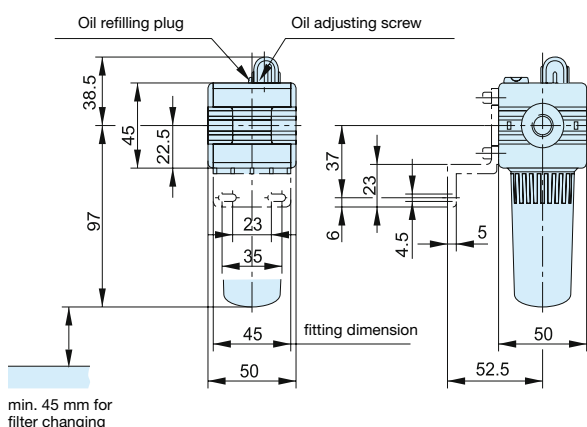
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Dimensions (mm)

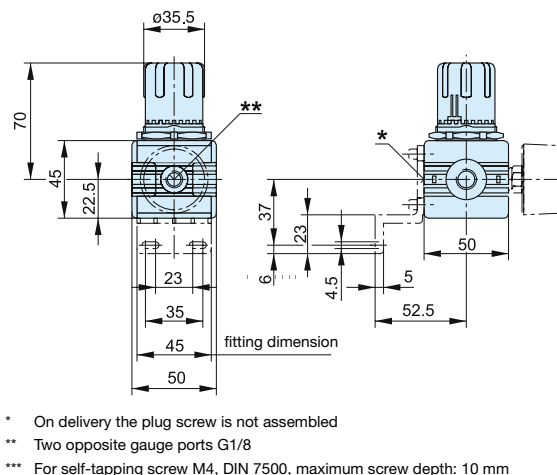
Filter



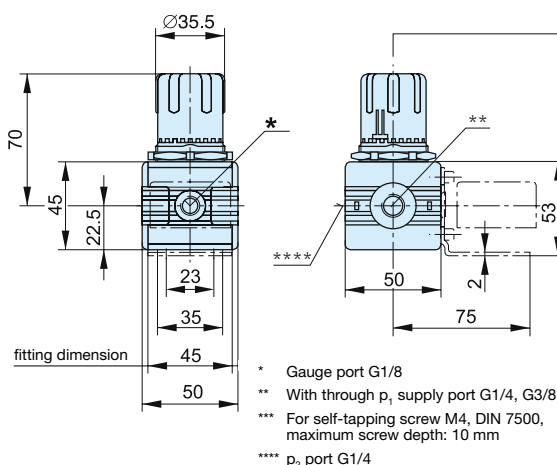
Lubricator



Regulator



Common - P1 Regulator



Pilot Operated Regulator

