

Type P

Horizontally-Mounted:

Trimod Besta Pneumatic On/Off

92 x 92mm

Flange

Up to 482°F

Temperature

Stainless steel

Wetted Parts



ABOUT TYPES P, PV, FP Trimod Besta Pneumatic On/Off

The P type units are for control of pneumatic applications. The unit is equipped with a direct controlled 3/2 valve for control air of 0-145 psig. Operation with other non-corrosive gases or fluids is possible. Also available with all parts of stainless steel.

Application Examples:

- Shipbuilding
- Refrigeration
- Chemical Engineering
- Food Industry
- Pulp and Paper
- Drinking Water Supply
- Sewage Treatment

For more information about our complete line of horizontally-mounted liquid level switches, visit our web site at:
<http://www.granzow.com/liquidlevelcontrols/horizontal/>

Type P 01 04 - For pneumatic control applications

Equipped with a directly controlled 3/2 way valve (ON/OFF) for control air of 0 to 10 bar. Operation with other non-corrosive gases or fluids is possible.

Nominal pressure	PN 25, max. 25 bar up to 250°C
Operating temperature	1 to 250°C
Ambient temperature	1 to 80°C
Density of liquid	min. 0.7 kg/dm ³
Operating differential	fixed 12 mm
Rod extension	see page 36
Control connections	G 1/8" (BSPP) inside thread
Max. control pressure	10 bar
Internal orifice	1.5 mm
Kv Factor	1
Internal leakage rate at 10 bar	max. 1 cm ³ /min
Air flow	90 NI/min at 6 bar
Pressure drop	1 bar
Wetside material	Stainless steel (CrNiMo)
Flange material	Stainless steel (CrNiMo)
Switch housing material	Sea water resistant die cast aluminium
Counterflange	see page 38
Weight	approx. 1.7 kg
Air quality	class 4, ISO 8571 (max. particle size 15 µm, max. particle density 8 mg/m ³)

The air supply to the 3/2 way valve may be connected to either A or B, according to whether filling or emptying operation is desired or whether the actuator is normally closed or open when pressurized. E.g. pressure can be applied through A to C and exhausted from C through B, alternatively pressure can be applied through B to C and exhausted from C through A.

Typ 5P 01 04 - For critical environments or high temperatures. All parts stainless steel.

As P 01 04, but switch housing also in stainless steel (CrNiMo) and therefore, highly corrosion resistant and suitable for temperatures up to 300°C. Weight approximately 2.2 kg.

Type PV 01 04 - For moist control air

As P 01 04, but with drain valve for condensate removal.

Type FP 01 04 - For hazardous applications

As P 01 04, but functionally tested.

Approved as a safety device for overfill protection.

With declaration of conformity for use in explosion proof areas.

Type FPV 01 04 - For moist control air in hazardous applications

As FP 01 04, but with drain valve for condensate removal.

With declaration of conformity for use in explosion proof areas.

