

## Digital Positioner PMV Type D3

- The PMV D3 digital valve positioner is very simple to use and operate due to a large graphic display where all information is presented. Configuration is simply done from five large push buttons.
- The zero bleed pneumatic relay offers savings due to very low air consumption.
- The screw terminals for the electrical connection are located in an isolated and sealed housing to help protect the electronics if moisture should intrude the conduit.



### TECHNICAL DATA

Input signal	4–20 mA
Air supply	2–7 bar (30–105 Psi) Free from oil, water & moisture, filtered to min. 30 micron.
Air delivery	350 nl/min (12 scfm)
Air consumption	<0.3 nl/min (0.01 scfm)
Rotation angle	Min. 30° max. 100°, optional 270°
Air connections	1/4" G
Cable entry	3 x M20 x 1.5
Electrical connections	Screw terminals 2.5 mm <sup>2</sup> /AWG14
CE directives	Machinery 2006/42/EC CE Marking 93/68/EEC EMC 2004/108/EEC LVD 2006/95/EEC
Voltage drop	8 V (400 Ohm) non-Hart, 9,4 V (470) Ohm Hart
Vibrations	<1% up to 10g at frequency 10–500 Hz
Enclosure	IP66/ NEMA 4X
Material	Die-cast aluminium, A2/A4 fasteners
Surface treatment	Powder epoxy
Temperature range	–30°C to +80°C
Weight	1.4 kg

### OPTIONAL PLUG IN MODULES

- Limit switches, both mechanical, proximity and P+F inductive, 4–20 mA feedback and alarm with output function.

### OTHER OPTIONS

- Communication via HART®, Profibus PA or Foundation Fieldbus is possible. For the HART version of D3, a free of charge PC configurator is available.
- Remote mounted up to 5 meter from valve.
- Fail freeze function.
- Intrinsically Safe ATEX EEx ia IIC T4 (Ex) II 1 GD.
- Pressure sensors and ValveSight software for online valve diagnostics.

### DIMENSIONS (mm)

