

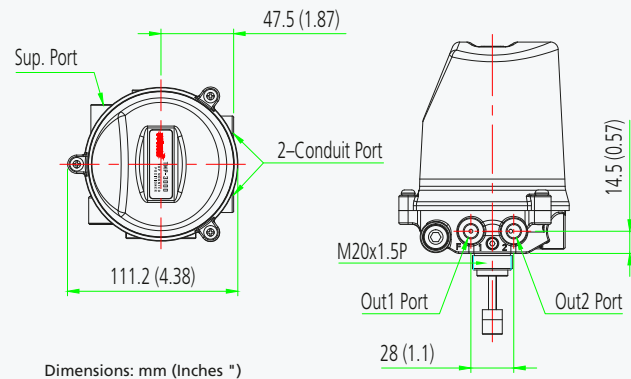
Smart Positioner TMP-3000

Solenoid Technology

Design features

- **Vertical mounting.** Easy to mount installation.
- **Fail-freeze and fail-safe function.** Enables the valve maintain the last position (fail-freeze) or move to a pre-determined position (fail-safe) on the loss of electrical power supply or the pneumatic supply air.
- **LCD display.** Backlit alphanumeric digital display for process values and calibration.

- **Feedback signal.** 4-20 mA output option.
- **Auto calibration.** Simple menu structure with options to auto calibrate all parameters or zero and end points only.
- **Low air consumption level.** Almost zero air leakage.
- **Front panel pushbuttons for configuration.** Positive acting pushbuttons for field configuration.



Dimensions: mm (Inches ")

Item Type	TMP-3000
Power Supply	24 VDC $\pm$ 10% More than 4W (167mA @24V) with Single acting More than 5.8W (242mA @24V) with Double acting
Input Signal	0-20 mA, 4-20 mA, 0-5 V, 0-10 V
Output	4-20 mA
Output Characteristics	Linear, EQ%, Quick Open, User Set (5 or 21 Points)
Operating Temp.	-10 to +60 °C (+14 to +140 °F)
Supply Pressure	0 to 0.7 MPa / 0 to 7 bar / 0 to 102 psi
Air Consumption	0 LPM (0 psi)
Flow Capacity	20 / 50 LPM (0.7 / 1.77 CFM)
Filtering Size	5 micron
Acting Type	Single 2 solenoid valves Double 4 solenoid valves
Stroke	5 to 40 mm (0.2 to 1.6")
Air Connection	G 1/8 (Ø 6 mm tube)
Conduit	2-M16 x 1.5P (with screw terminals)
Ingress Protection	IP67
Body Material	PPS
Cover Material	PC
Weight	750 g (1.7 lb)

Product Code

TMP-3000 - S - N - G - 1 - 0 - F

Model

TMP-3000 = Smart Positioner

Acting Type

S = Single
D = Double

Explosion Protection

N = Non-Explosionproof

Conduit & Air Connection

G = M16 x 1.5 - G 1/8

Flow Capacity

1 = 20 LPM
2 = 50 LPM

Output Options

0 = None
1 = 4-20 mA feedback

Fail Option

F = Fail-freeze
S = Fail-safe