

PT-2500

PRESSURE TRANSMITTER

Pressure transmitter, to be mounted in the control panel of a push-pull or multiple arm system (setpoint approx. 1100-1200 Pa). It continuously monitors the pressure difference of the connected filter system and gives a signal to the connected frequency inverter, which regulates the fan speed accordingly.

The control panel is used to set the maximum allowed pressure difference and shows the actual status of the system.



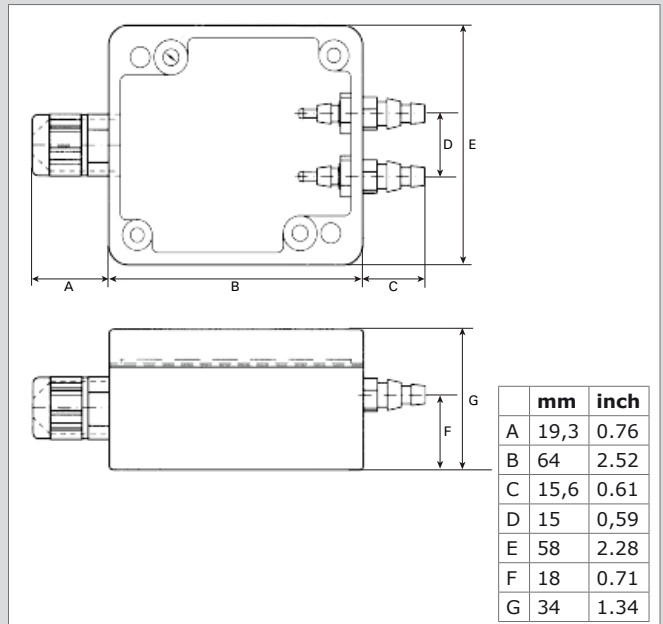
SPECIFICATIONS

■ Physical dimensions and properties	
Weight (net)	170 g (0.38 lbs)
Material housing	aluminium
Protection class	IP 65
Connections:	
• electrical	• screw clamps for 0.14 - 1.5 mm ²
• pneumatical	• 2 connections for tube with inside Ø 4 or 6 mm
• cable thread joint	• PG7
Plug	• +24 VDC • output 4-20 mA
■ Electrical data	
Power supply	24 VDC
Output signal	4-20 mA
■ Performance	
Pressure range	0 - 25 mbar / 0 - 2500 Pa
Max. overpressure	350 mbar
Max. linear error (±% F.S.)	0.8
Max. temp. error (±% F.S.) 0-50°C	1
Long-term stability (±% F.S./year)	0.5
Repeat precision (±% F.S.)	0.1
Response time (ms) without damping	50
■ Product combinations	
Frequency inverter	
■ Where used	
Push-pull systems - Multiple arm systems	
■ Scope of supply	
Pressure transmitter - Pneumatic hose 1 m - Pneumatic duct connection (2) - Pneumatic T-connector (1) - Self-tapping screw (2)	
■ Order information	
Article number	7900024100
Number/package	1

Shipping data

Gross weight	200 g (0.44 lbs)
Packing dimensions	130 x 70 x 50 mm (0.43 x 0.23 x 0.16 in.)
Harmonized Tariff Code	9026.2020.90
Country of origin	Germany

DIMENSIONS



Product type	PT-2500
Article no.	7900024100
Product category	control equipment
Version	050411/B

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