

PT-1000

PRESSURE TRANSMITTER

Pressure transmitter, to be mounted to the ductwork of an extraction system (setpoint of approx. 300-600 Pa). It measures the under-pressure in the system and gives a signal to the connected frequency inverter, which regulates the fan speed accordingly.



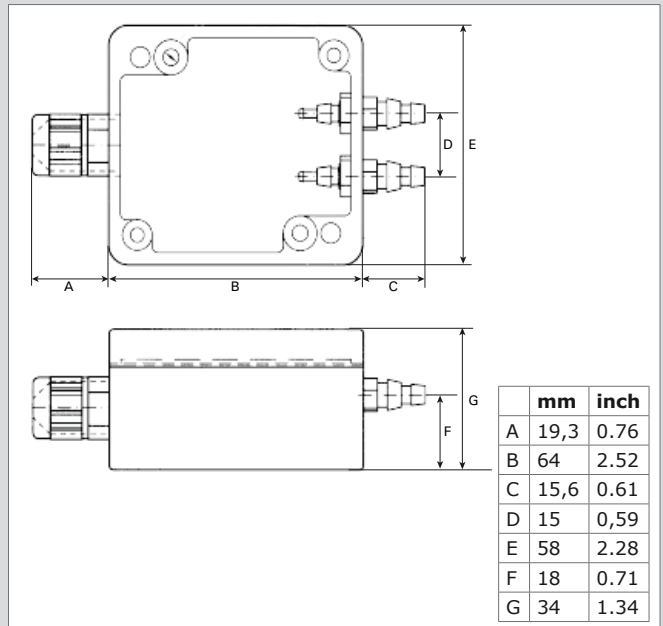
SPECIFICATIONS

■ 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 - 10 mbar / 0 - 1000 Pa
Max. overpressure	350 mbar
Max. linear error (±% F.S.)	1.0
Max. temp. error (±% F.S.) 0-50°C	1
Long-term stability (±% F.S./year)	0.5
Repeat precision (±% F.S.)	0.2
Response time (ms) without damping	50
■ Product combinations	
Frequency inverter	
■ Where used	
Push-pull systems - FlexHood 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	7900024000
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-1000
Article no.	7900024000
Product category	control equipment
Version	050411/B

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