761-2A-44A Bestace -2.5/+2.5kPa 12-32VDC Differential Pressure Transmitter Datasheet

SKU: 1042675347314

Category: Process Sensors

Price: **$194.29**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/761-2a-44a-bestace-2-5-2-5kpa-12-32vdc-differential-pressure-transmitter

Product Description

Bestace 761-2A-44A is a high-precision differential pressure transmitter featuring a -2.5 to +2.5 kPa measurement range, 12 to 32 VDC power supply, and a 4 to 20 mA output signal (12 ± 8 mA). The unit utilizes a piezoresistive silicon sensing element housed in a rugged die-cast aluminum alloy enclosure with 316L stainless steel wetted parts. It incorporates internal signal conditioning circuitry to provide a linear output proportional to the applied differential pressure. The mechanical interface consists of dual pressure ports for high and low-side connections, ensuring stable performance under fluctuating static pressures. The device is designed with an IP65 protection rating and features a terminal block electrical interface for secure industrial wiring.

761-2A-44A Specifications
Model: 761-2A-44A
Brand: Bestace
Measurement Range: -2.5 to +2.5 kPa
Output Signal: 4 to 20 mA (12 ± 8 mA)
Supply Voltage: 12 to 32 VDC
Accuracy: 0.25 % FS
Stability: 0.2 % FS/year
Operating Temperature: -20 to 85 °C

Compensated Temperature: -10 to 70 °C
Pressure Type: Differential / Wind Pressure
Wetted Materials: 316L Stainless Steel
Housing Material: Die-cast Aluminum Alloy
Electrical Connection: Terminal Block / DIN Connector
Process Connection: 1/4 NPT
Enclosure Rating: IP65
Overload Pressure: 200 % FS
Response Time: < 100 ms

761-2A-44A Applications

Primary applications include integration into HVAC building automation systems for duct static pressure monitoring and cleanroom environmental control. Deployed within industrial boiler combustion air flow measurement systems and laboratory fume hood exhaust monitoring units to maintain precise pressure differentials.

Supplemental Images


MODEL: 761-2A-44A
OUTPUT: 4 TO 20mA POWER: 16 TO 32VDC
RANGE: -2.5 TO 2.5kPa ACCURACY: 0.25%
SERIAL NO: B3421252
BESTACE
CE
MODEL: 761-2A-44A
OUTPUT: 4 TO 20mA POWER: 16 TO 32VDC
RANGE: -2.5 TO 2.5kPa ACCURACY: 0.25%
SERIAL NO: B3421238
BESTACE
CE
MODEL: 761-2A-44A
OUTPUT: 4 TO 20mA POWER: 16 TO 32VDC
RANGE: -2.5 TO 2.5kPa ACCURACY: 0.25%
SERIAL NO: B3421240
BESTACE
CE
MODEL: 761-2A-44A
OUTPUT: 4 TO 20mA POWER: 16 TO 32VDC
RANGE: -2.5 TO 2.5kPa ACCURACY: 0.25%
SERIAL NO: B3421250