Differential Pressure Transmitters
Type A2G-50, air2guide

Applications
- Measuring the differential pressure of air and other non-combustible and non-aggressive gases
- Monitoring of air filters, fans, industrial cold air circuits, flows in ventilation ducts and to control the fire prevention flaps in fire shutters
- Monitoring of overpressure in clean rooms and laboratories

Special Features
- Eight selectable ranges
- Easy installation
- Adjustable response time
- Zero reset button
- Compact, robust design
- Two output signals in one instrument
- Standard accessories

Description

Design
Electromagnetic compatible per 89/336/EWG

Accuracy
±1.5 % (± 3% at range -0.2/+0.2 lnWC)

Measuring ranges
Option 1: 0/10 lnWC (factory set)
  7 additional ranges to select from via jumper:
  -0.4…+0.4 lnWC, 0…0.4 lnWC, 0…1 lnWC, 0…2 lnWC, 0…4 lnWC, 0…6 lnWC and 0…8 lnWC

Option 2: 0/28 lnWC (factory set)
  7 additional ranges to select from via jumper:
  0…4 lnWC, 0…6 lnWC, 0…8 lnWC, 0…10 lnWC, 0…12 lnWC, 0…16 lnWC and 0…20 lnWC

Option 3: -0.2…+0.2 lnWC (factory set)
  Additional range to select from via jumper:
  -0.4…+0.4 lnWC

Maximum pressure
10 lnWC

Operating temperature
Ambient: -4 … +160 °F
Medium: -14 … +122 °F

Ingress protection
NEMA 3 (IP 54 per EN 60 529 / IEC 529)

Weight
5.2 ounces
The specifications given in this document represent the state of engineering at the time of publishing. We reserve the right to make modifications to the specifications and materials.