



PRESSURE

DIFFERENTIAL PRESSURE TRANSMITTER A2G-50 SERIES



DESCRIPTION

The Wika A2G-50 Series differential pressure transmitter is the ideal accessory to complete a differential producer primary flow meter such as an averaging pitot tube. A DP transmitter that can be partnered with the AMP series, DPFS series and FXP series products to enable DP measurement with those devices. The unit is excellent for a room-to-room differential pressure signal to BAS. Each of the three range option code has eight selectable DP ranges within that option code. The user can select between two output signals (0 to 10 V or 4 to 20 mA). There is an optional digital display for the measured value. The standard unit has a button for re-zeroing; but there is also an auto-zeroing option that enable the device to re-zero itself every ten minutes to prevent zero point drift.



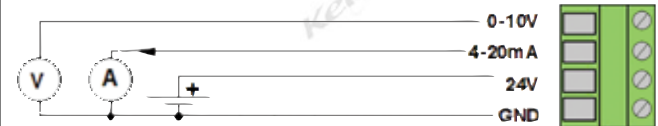
A2G-50



FEATURES

- Eight selectable ranges within each option code range
- Selectable 0 to 10 V or 4 to 20 mA output signal
- Compact size

WIRING

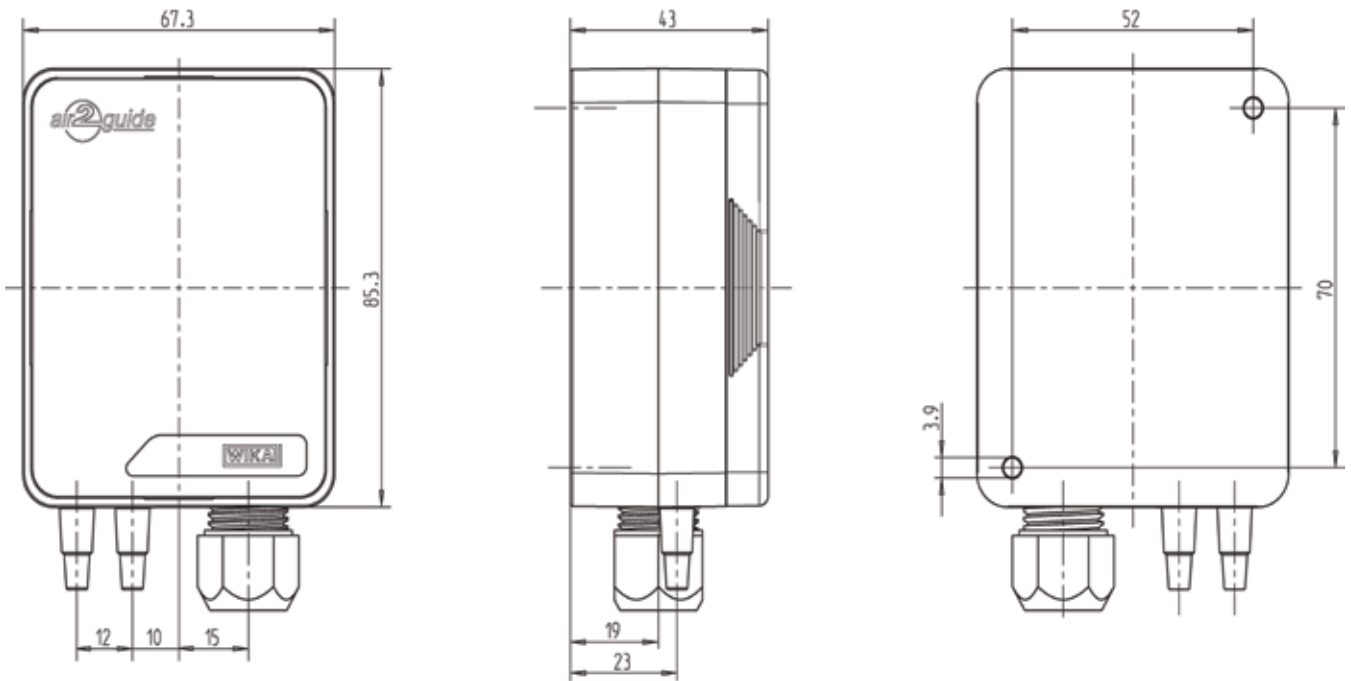


SPECIFICATIONS

Supply Voltage	24 VDC, 24 VAC±10%, Source	Operating Humidity	0 to 95% Non-condensing
Signal Output	0-10V and 4-20mA Source	Media Compatibility	Inert dry air
Min Voltage Output		Process Connection	3/16"OD ABS Plastic, for 1/4" OD tubing
Impedance	1KΩ	Wiring Terminals	3-(4-20mA), 3-(Volts)
Max Current Output		Mounting	2, #8 screws
Impedance	500Ω @24VDC	Enclosure Rating	ABS Plastic, NEMA 3R
Accuracy	±1.5% full scale	Dimensions	2.65"W x 3.36"H x 1.7"D, (6.73 x 8.53 x 4.29 cm)
Sensor Type	Piezo measuring cell	Weight	0.3 lb (0.14kg)
Adjustments	(Z/S) Push Button Zero, 10 min Auto re-zero option	Approvals	CE
Normal Measurement Range	0 to 28"WC, Uni-Directional, ±0.4 WC Bi-Directional	Warranty	2 years
Display	Muti-digit display option		
Overpressure	(Burst)±120 WC (29.9 kPa)		
Max Operating Pressure	(Proof) ±100"WC, (±24.9 kPa)		
Operating Temperature	14 to 122°F (-10 to 50°C)		



DIMENSIONS



ORDERING INFORMATION

MODEL

A2G50E007CEOMA1
A2G50E007CEOMAZ
A2G50E007CEOMZZ
A2G50E007CEPMA1
A2G50E007CEPMAZ
A2G50E007CEPMZZ
A2G50E007CEQMA1
A2G50E007CEQMAZ
A2G50E007CEQMZZ

DESCRIPTION

Differential pressure transmitter, 0 to 10 in WC, with display with auto zero
 Differential pressure transmitter, 0 to 10 in WC, with display no auto zero
 Differential pressure transmitter, 0 to 10 in WC, no display no auto zero
 Differential pressure transmitter, -0.1 to +1.0 in WC, display with auto zero
 Differential pressure transmitter, -0.1 to +1.0 in WC, display no auto zero
 Differential pressure transmitter, -0.1 to +1.0 in WC, no display no auto zero
 Differential pressure transmitter, 0 to 28 in WC, with display with auto zero
 Differential pressure transmitter, 0 to 28 in WC, with display no auto zero
 Differential pressure transmitter, 0 to 28 in WC, no display no auto zero

RELATED PRODUCTS

T-101 1/4" OD black poly tubing, 1 coil, 250 ft (76 m)
A-308-K Duct static pressure fitting, 1/4" barb
A-302-K Duct static pressure tip, 1/4" barb
A-301-K Duct static pressure tip, 1/4" compression
A-345-K Flange mounting kit (1 required for each A-301-K or A-302-K)
D CPA-1.2 Power supply, 120 VAC In to 24 VAC/24 VDC Out
691-K0A Control transformer, 120:24 VAC, 40 VA, Class 2
D CP-1.5-W Power supply, 24 VAC IN to 24 VDC OUT