



PRESSURE

WET/WET LOW DIFFERENTIAL PRESSURE TRANSMITTER

GC52 SERIES

DESCRIPTION

The **GC52 Series Low Differential Pressure Transmitter** offers reliable, low differential pressure measurement with an accuracy of 0.5%. The transmitter is loop powered with an integral LCD display. The **GC52** features zero and span adjustment, linear scaling function, digital filter function, and push button configuration. The rugged NEMA 4X enclosure allows usage in indoor or outdoor environments.

FEATURES

- **0.5% accuracy**
- **Push button configuration**
- **Linear scaling**
- **LED back light**
- **Loop check function**
- **4-20 mA output**
- **NEMA 4X (IP65) protection**

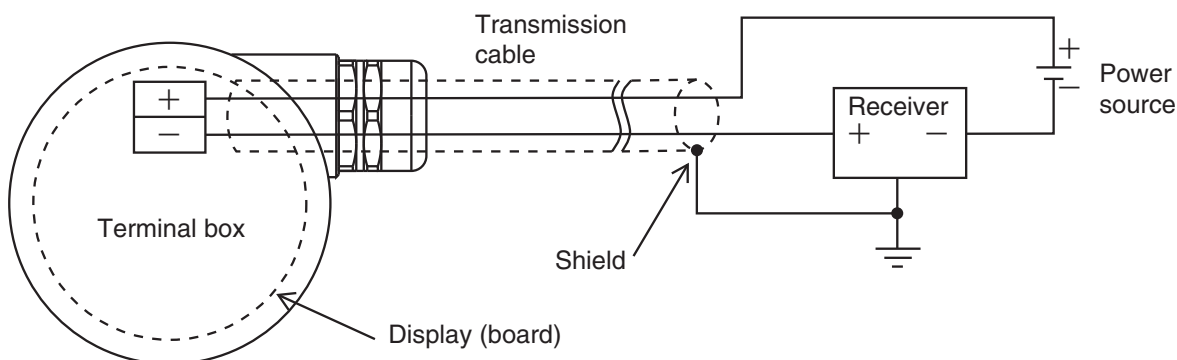
NEW!

ASHCROFT®



CE

WIRING



PRESSURE

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SPECIFICATIONS

Supply voltage	12-32 VDC
Accuracy	±0.5% FS (includes linearity, hysteresis, and repeatability)
Thermal effects	
Zero/Span shift	±0.03% FS/°C
Output	4-20 mA (2-wire)
Maximum load	500Ω
Service	Compatible liquids or gases
Wetted parts	316 SS, viton, and Alumina Ceramic
Overpressure	30 psid (207 kPa) for ≤8" W.C., ±4" W.C. ranges; 100 psid (690 kPa) for ≥20" W.C., ±8" W.C. ranges

Temperature	
Compensated	14° to 140°F (-10° to 60°C)
Operating	14° to 140°F (-10° to 60°C)
Storage	5° to 150°F (-15° to 65°C)
Pressure connections	1/4 FNPT
Electrical connections	1/2 FNPT conduit
Zero and Span	Adjustable -10% to 110% FS
Display	3-1/2 digit, 10 mm LCD; ±0.5% FS + last digit accuracy
Enclosure	Epoxy coated aluminum
NEMA/IP ratings	NEMA 4X (IP65)
Agency approval	CE
Weight	1.5 lb (670 g)
Warranty	1 year

NEW!

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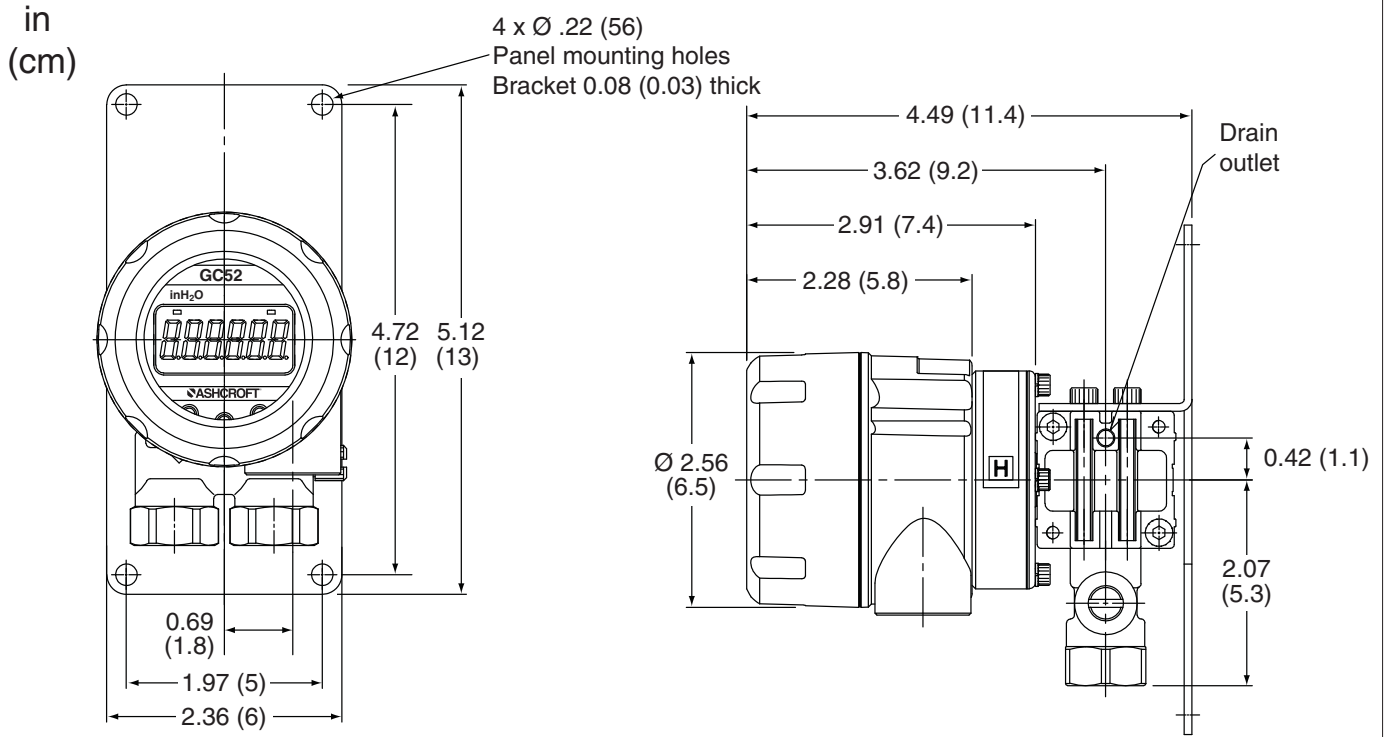
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DIMENSIONS



ORDERING INFORMATION

MODEL	DESCRIPTION
GC52	Low differential pressure transmitter
	PRESSURE RANGE "W.C. (kPa)
4IW	0-4.0 (1.0)
8IW	0-8.0 (2.0)
20IW	0-20.0 (4.98)
40IW	0-40.0 (9.95)
80IW	0-80.0 (19.9)
200IW	0-200.0 (49.7)
400IW	0-400.0 (99.5)
4IWL	±4.0 (±1.0)
8IWL	±8.0 (±2.0)
20IWL	±20.0 (±4.98)
40IWL	±40.0 (±9.95)
80IWL	±80.0 (±19.9)
200IWL	±100.0 (±49.7)
400IWL	±400.0 (±99.5)

GC52 - 40IW

Example: GC52-40IW Low differential pressure transmitter ranging from 0-40"w.c.