

The 301 series Pressure Transducers (Transmitters) are precision manufactured using a unique crevice-free pressure port without internal seals or O-rings. They are robustly encased within a stainless steel body making them suitable for both Laboratory and Industrial use, especially for critical areas such as food preparation and potable water supplies.



SPECIFICATIONS

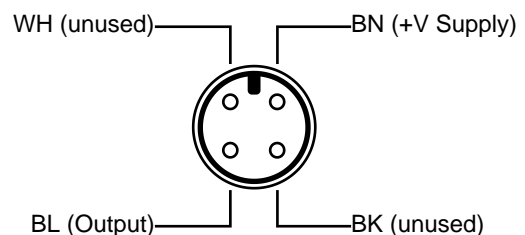
- Standard Pressure Range 10.0 Bar FS (Sealed Gauge - Zero @ 1.00 Bar absolute)
(5, 20, 50, 100 & 200 Bar FS available to special order)
- Overpressure 100% of FS
- T.C. of Zero (better than +/- 0.04% FS/°C)
- T.C. of Sensitivity (better than +/- 0.04% FS/°C)
- Long term stability (typ.) < 0.5% FS
- Operating Temperature -25°C - +85°C
(High-Temperature unit +120°C available to special order)
- Compensated Temperature Range 0°C - +50°C
- Casing Stainless Steel AISI 316 L
- Protection IP65
- Vibration 20g (5-2000Hz - max amplitude +/- 3mm) according to IEC 68-2-6
- Shock 20g (11ms)
- Pressure Port 1/4" Male
- Connector 4-pin M12 Male
- Interface 4-20mA 2-wire
- Excitation 8v-28v DC
- Weight 52g
- Dimensions Length 38mm (10mm Pressure Port to gasket), Diameter 22mm (19mm AF)
- CE-Conformity EN50081-1 EN50082-2

MARKING CODES

9950-301-aa-T

05 - 5 Bar	Suffix T indicates High Temperature (120°C) option
1 - 10 Bar	
2 - 20 Bar	
5 - 50 Bar	
10 - 100 Bar	
20 - 200 Bar	

CONNECTIVITY



M12 Connector - top view
Colours refer to standard 4-wire cable

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For Technical Support in the first instance contact your distributor
Installation should be checked by qualified electrician before applying any voltage
Always ensure devices operate correctly at the desired temperature
If failure of device can cause damage, ensure a suitable safety backup is fitted
Observe all relevant safety precautions, regulations and electrical ratings
Observe all precautions for handling electrostatic sensitive devices
Specifications for guidance only and subject to change without notice. E&OE