

HERON 4-20mA PRESSURE TRANSMITTER



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Heron Instruments 4-20mA Pressure Transmitter provides highly accurate water level measurement for a wide variety requirements that involve real time pressure readings. The Heron 4-20mA is ideal for use in tanks, wells and boreholes. The Heron 4-20mA is easily adapted to 3rd party dataloggers, telemetry systems, Scada Systems, and digital displays. The two wire 4-20mA current loop is the most widely used signal transmission for transducers in industrial applications. It offers excellent noise immunity and is available in lengths up to 2000ft (600m)

4-20mA PRESSURE TRANSMITTER SENSOR SPECIFICATIONS

- The sensor element has a silicone diaphragm and a wet/wet transducer.
- Accuracy is +/- 0.1% FS.
- Overpressure rate is 4x
- Supply voltage is 7.5V to 36V which is the same as the current draw.
- Operating temperature on the Heron 4-20mA Pressure Transmitter is 0°C to 80°C.
- Barometric compensation is automatic due to the use of vented cable.

4-20mA PRESSURE TRANSMITTER PROBE SPECIFICATIONS

The probe on the Heron 4-20mA Pressure Transmitter is a stainless steel and Delrin construction. The probe has a diameter of 7/8" (2.2cm) and a lengths of 7.5" (19cm). The weight of the probe is 175 grams.

4-20mA PRESSURE TRANSMITTER CABLE SPECIFICATIONS

- The cable on the 4-20mA Pressure Transmitter is 4 conductor 22 AWG.
- The 28 gauge 7 strand vented cable is jacketed in Teflon.
- The cable has an O.D of .100mm and and I.D of .05mm.

FEATURES TO REMEMBER

- 4-20mA output is compatible with a wide variety of third party hardware
- Two wire connection
- Current output for greater noise immunity

**Long cable lengths available*

OPTIONS

- Digital Display
- Sintered Teflon vent tube filter

PRESSURE RANGES AVAILABLE

- 0 - 35ft/10m
- 0 - 100ft/30m
- 0 - 200ft/60m
- 0 - 650ft/200m

** Custom cable lengths available*

