

PI1H Model - High precision pressure transducers

The PI1H series pressure transducer is a high pressure, highly precise pressure transducer encapsulated in an hermetically sealed 316L stainless steel housing. The fully-welded, all stainless steel construction makes it a rugged, O-ring-free, braze-free transducer and allows the transducer to be used in harsh environments with any media compatible with 316L stainless steel.



► General specifications

Pressure ranges	Any from 0-300 psi to 0-3,000 psi
Overpressure (safe overload pressure, proof pressure)	1.5x rated pressure
Operating temperature range	-40 to 125°C (-22°F to 260°F)
Accuracy	0.05%FS typ.
Supply	10-28VDC (constant voltage)
Output signal	4-20mA, 0-1V, 0-2.5V, 0-5V, 0-10V
Pressure port	Many choices available
Electrical termination	Many choices available
Wetted parts	316L Stainless Steel

► Ordering information

When inquiring about this part or placing an order, please mention **Model PI1H** and provide:

- Pressure range (From 0-300 psi to 0-3,000 psi)
- Compensated temperature range (10-35°C, 0-50°C, -20...80°C or other)
- Accuracy (Standard 0.05%FS or enhanced 0.02%FS)
- Output signal (4-20mA, 0-1V, 0-2.5V, 0-5V or 0-10V)
- Pressure port
- Electrical termination (cable, submersible cable, connector...)