

PXM-COIL

Temperature Isolation Coil for G $\frac{1}{4}$ & $\frac{1}{4}$ NPT Pressure Sensors



Highlights

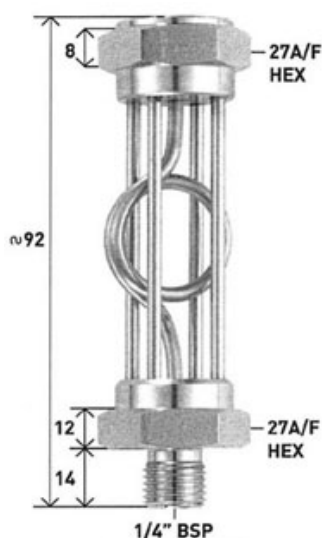
- Reduces the temperature of the media before contact with the pressure sensor
- For use with gas or steam up to 200 °C or liquids to 150 °C
- For pressure ranges up to 400 Bar
- Stainless steel SS316

Description

The PXM-COIL is designed to extend the working temperature range of Omega pressure sensors with G $\frac{1}{4}$ male ($\frac{1}{4}$ in BSPP) process connections. The PXM-COIL has a G $\frac{1}{4}$ male connection to the process and a G $\frac{1}{4}$ ($\frac{1}{4}$ in BSPP) female connection for the pressure sensor to be screwed into.

The PX-COIL is also designed to reduce the temperature of the media being measured, allowing lower cost Omega pressure sensors with $\frac{1}{4}$ -18 NPT male thread process connections to be used in applications where higher specification pressure sensors have previously been used. The PX-COIL has a $\frac{1}{4}$ male connection to the process and a $\frac{1}{4}$ -18; NPT female connection for the pressure sensor.

The cooling coil allows standard transducers to work with higher temperature media, typically 200 °C for steam or gas and 150°C for liquids. The all stainless steel construction maintains chemical compatibility with many fluids and gases.



Part Number	Description
PXM-COIL	Cooling coil for G $\frac{1}{4}$ & $\frac{1}{4}$ in BSPP pressure sensors
PXMW-4	Stainless steel/Nitrile bonded seal washer $\frac{1}{4}$ in
PX-COIL	Cooling coil for $\frac{1}{4}$ NPT pressure sensors. ($\frac{1}{4}$ NPT female for pressure sensor and $\frac{1}{4}$ NPT male for process)

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