

— MANUAL

Pressure transmitter

Mounting, wiring and checking the stainless steel pressure transmitter with a 4-20 mA output.

Instruments covered

Pressure transmitter, Gauge snubber, Process meter

Before you install

- Check the range on the label against your order: 0-100, 0-300 or 0-600 psi.
- Make sure the line is isolated and vented, and the loop power is off.

Mounting

1. Apply a suitable thread sealant to the 1/4 inch NPT thread.
2. Tighten with a wrench on the hex only. Never turn the transmitter by its housing or its cable.
3. On a pulsing line, fit a Gauge snubber between the process and the transmitter.
4. Keep the transmitter inside its operating temperature of -4 to 185 F (-20 to 85 C).

Wiring

1. Wire the transmitter into your 4-20 mA loop as shown on its terminal label.
2. Route the cable away from motor and power cables.
3. Close the housing so the IP65 rating holds.

Checking the output

With the line vented, the output reads 4 mA. At full scale it reads 20 mA. Between the two the output is linear with pressure. A Process meter in the loop lets you read the current in the field.

Care

Keep the process connection clear of solids. If the output stops following the process, check the loop wiring first, then the process connection.

Warranty and support

Instruments carry a 12 month warranty against defects in materials and workmanship from the delivery date. For help, use the Contact page and include the model and range.