



FM APPROVED MELT PRESSURE TRANSMITTER WITH 4-20 mA OUTPUT

1/2-14 NPT
conduit
fitting

MODEL 0140W



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The 0140W converts applied pressure at the point of measurement to a proportional voltage output signal. They utilize high sensitivity, semiconductor strain gages for optimum performance. An amplifier converts the strain gage signal to a 4-20 mA output. The small capillary tube filled with a special medium isolates the amplifier from potential thermal damage. The rigid stem makes installation fast and easy.

MODEL 0141W



MODEL 0141W

The 0141W offers all the advantages of Model 0140W, but incorporates an 18-inch flexible capillary tubing with a stainless steel armored jacket between the amplifier housing and the stem.

These transmitters are designed for applications requiring further thermal isolation or where installation would be otherwise difficult or impractical.

MODEL 0142W



MODEL 0142W

The 0142W provides simultaneous measurement of pressure and temperature at a single point.

Only one mounting hole is required for installation. The thermocouple or optional RTD is protected from process hazards and can be replaced without interrupting the pressure signal. Pressure performance is identical to Models 0140W and 0141W.

FEATURES

The ISI 0140W Series Melt Pressure Transmitter entire amplifier/sensor assembly is packaged in an all metal welded enclosure with a conduit cable fitting. This metal enclosure is completely sealed from the atmosphere, and is approved to meet hazardous area requirements.

- Factory mutual approved for Class I, Div.1, Groups B, C, D
- High level output 2-wire, 4-20 mA
- Better than 0.5% combined error
- Fluid filled system for temperature stability
- Armoloy coated diaphragm
- Other diaphragms available

APPROVALS



NEMA 4/IP65



