



MELT PRESSURE TRANSDUCERS & TRANSMITTERS

300 Industrial Drive, Grand Island, NY 14072 USA

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Product Specification Sheet

PLASTIC MELT PRESSURE TRANSDUCER/TRANSMITTER KITS

The GP:50 product line of melt pressure transducers and transmitters is based on the proven bonded strain gauge principle successfully utilized in thousands of applications. Our unique design incorporates a heavier sensor allowing a thicker tip diaphragm, provides better linearity, and reduces costs.

The design incorporates an extremely small capillary tubing that transmits the media pressure to the strain gauge sensor and mating electronics via a mechanical fill fluid. (Mercury is the standard, Silicone oil, Mineral oil and Nak are readily available depending on the application).

GP:50 Melt-Kits come with everything you need for efficient and reliable extrusion pressure measurement. Melt-Kits include transducer, cable, indicator and more.



Seen here with Model 30

STARTER MELT KIT:

Ideal for processors currently using blow plugs

- Model 30 pressure transducer
- 1280-MV-2-0-0 melt pressure indicator
- MECA-CA connecting cable
- MHK-AA transducer mounting hole machining tool kit
- Getting started guide
- Tube of anti-sieze compound
- Screwdriver
- GP:50 baseball hat



Seen here with Model 31

CLASSIC MELT KIT:

Ideal for processors currently measuring pressure

- Model 30 or Model 31 transducer
- 1280-MV-2-0-0 melt pressure indicator
- MECA-CA connecting cable
- Getting started guide
- Tube of anti-sieze compound
- Screwdriver
- GP:50 baseball hat

GP:50 reserves the right to make product improvements and amendments to the product specifications stated throughout this brochure without prior notification. Please contact the factory on all critical dimensions and specifications for verification.



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Specifications reflect standard product, improved performance/mechanical options available. Modifications may alter specs, consult factory for more information.



TEMPERATURE/PRESSURE MELT KIT:

Ideal for processors with temperature and pressure measurement requirements

- Model 35 temperature/pressure transducer
- 1290 indicator
- MECA-CA connecting cable
- MTC-AA thermocouple connector
- Getting started guide
- Tube of anti-sieze compound
- Screwdriver
- GP:50 baseball hat



DIFFERENTIAL MELT KIT:

Ideal for processors who measure and control differential pressure

- Two 131 or two 331 pressure transducers
- 1235 process controller
- Two MECA-CA connecting cables
- Getting started guide
- Tube of anti-sieze compound
- Screwdriver
- GP:50 baseball hat

ORDERING GUIDE

Model • Transducer • Range • Options

Starter Melt-Kit Model 1310	Classic Melt-Kit Model 1311	Temperature / Pressure Melt-Kit Model 1312	Differential Melt-Kit Model 1313
Ex: 1310-130-RX-AA	Ex: 1311-130-RX-AA	Ex: 1312-135-RX-AA	Ex: 1313-131-RX-AA
Transducer 130 3.3 mV/V 230 5 Vdc 330 4-20 mA	Transducer 130 3.3 mV/V 230 5 Vdc 330 4-20 mA 131 3.3 mV/V 231 5 mV/V 331 4-20 mA	Transducer 135 3.3 mV/V 235 5 Vdc 335 4-20 mA	Transducer 131 3.3 mV/V 331 4-20 mA

Pressure Ranges (PSI)
RH - 500
RK - 750
RM - 1000
RO - 1500
RT - 3000
RV - 5000
RX - 7500
RZ - 10000

Consult factory for additional options.