

# PLASTIC MELT PRESSURE TRANSDUCER / TRANSMITTER KITS

The GP:50 product line of melt pressure transducers and transmitters is based on the proven bonded strain gage 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 gage sensor and mating electronics via a mechanical fill fluid. (Mercury is the standard, silicone and mineral oil 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.

## STARTER MELT-KIT

Ideal for processors currently measuring pressure

- Model 30 pressure transducer
- 1211-B-B-1-R 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



## CLASSIC MELT-KIT

Ideal for processors currently using blow plugs

- Model 30 or Model 31 transducer
- 1211-B-B-1-R melt pressure indicator
- MECA-CA connecting cable
- Getting started guide
- Tube of anti-sieze compound
- Screwdriver
- GP:50 baseball hat



Seen here with Model 30



Seen here with Model 31

## 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



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## ORDERING GUIDE

Model • Transducer • Range • Options

Classic Melt-Kit Model 1310	Starter 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
<b>Transducer</b>	<b>Transducer</b>	<b>Transducer</b>	<b>Transducer</b>
130 3.3 mV/V	130 3.3 mV/V	135 3.3 mV/V	131 3.3 mV/V
230 5 Vdc	230 5 Vdc	235 5 Vdc	331 4-20 mA
330 4-20 mA	330 4-20 mA	335 4-20 mA	
	131 3.3 mV/V		
	231 5 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.