



**MELT PRESSURE  
TRANSDUCERS & TRANSMITTERS**  
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## Product Specification Sheet

### DIGITAL PRESSURE INDICATOR

#### Model 1285

GP:50's 1285 Melt Pressure and Temperature Indicator with strain gauge and thermocouple input features dual 5 digit simultaneous display of process melt pressure and temperature in a compact 1/8 DIN panel mount configuration. The 1285 is available with up to three fully programmable alarms for either pressure or temperature, 4-20mA or 0-10Vdc process pressure value re-transmission, and MODbus communications.

The 1285 Melt Pressure and Temperature Indicator offers enhanced user functionality with front panel buttons for Zero, Peak, and Manual Alarm Reset. Additionally, the 1285 boasts a large 0.5" LED display for process melt pressure indication and a lower 0.4" display which can be configured to indicate melt temperature, pressure units or alarm SP values.



#### FEATURES:

- Dual input strain gauge & thermocouple
- True 5 digit display with 1 psi resolution
- Multifunctional lower display
- User selectable units, psi, bar, Kg/cm<sup>2</sup>, MPa
- Automatic peak detection and display
- MODbus communications option
- 1/8 din to 1/4 din face plate available
  - Order Part Number Ø216-Ø865-PØØ2 for black
  - Order Part Number Ø216-Ø865-PØØ3 for stainless steel

### ORDERING GUIDE

Use the following codes to identify desired item.

MODEL	INPUT	ALARMS	RETRANSMISSION	OPTIONS
•	-	•	-	•

<b>MODEL</b>	
<b>1285</b>	Pressure and Temperature Indicator
<b>INPUT</b>	
<b>MV</b>	mV/Volt input (standard)
<b>MA</b>	4-20 mA input
<b>ALARMS</b>	
<b>0</b>	no alarms
<b>1</b>	1 alarm (temperature or pressure)
<b>2</b>	2 alarms (temperature or pressure)
<b>3</b>	3 alarms (temperature or pressure)

<b>RETRANSMISSION</b>	
<b>O</b>	None
<b>R</b>	4-20 mA Retransmission Signal
<b>V</b>	0-10 Vdc
<b>OPTIONS</b>	
<b>O</b>	None
<b>W</b>	24 Vdc Power Supply in place of 85-265 VAC
<b>C</b>	RS485 communications In place of retransmission

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.