



### Melt Pressure Display and Alarm Indicators For Extrusion



#### Design Features

- \* 1/8 DIN Size Front Panel
- \* 2 Alarms, Programmable Relay Outputs
- \* ISO 9001 Certified, CE Approved
- \* Economically Priced
- \* 4-Digit LED Display for Pressure
- \* 3 Keys for Programming
- \* Touch-Type Keypad
- \* Easy to Calibrate with Sensitivity Auto Ranging
- \* Built-In Strain Gauge Bridge Excitation – 10Vdc
- \* Filter for Digit Stabilization
- \* Coded Access for User Lockout

**Model Number: PDA05010**

Series **772** Melt Pressure Indicator



#### Design Features

- \* 1/4 DIN Size Front Panel
- \* NEMA 4X - IP65 Front Panel Protection
- \* 10-point Red LED Bar Graph
- \* ISO 9001 Certified, CE Approved
- \* 2 Alarms, Programmable Relay Outputs
- \* Calibration Output
- \* Retransmission – Programmable for 0 - Vdc, 0 - 20 or 4 - 20mA
- \* Multiple Programming Levels with Coded Access
- \* Peak Value Memory
- \* 4-Key Touch-Type Keypad
- \* Built-In Strain Gauge Bridge Excitation – 10Vdc
- \* Filter for Digit Stabilization
- \* RS-232 & RS-485 Communication Available; Consult Factory for More Information

**Model Number: PDA05020**

Series **882** Melt Pressure Indicator



#### Design Features

- \* 1/4 DIN Size Front Panel
- \* Displays Pressure & Temperature Simultaneously on two 4-Digit LED Displays
- \* ISO 9001 Certified, CE Approved
- \* NEMA 4X - IP65 Front Panel Protection
- \* 2 Alarms with Adjustable Setpoint for Temperature or Pressure
- \* Calibration Output
- \* Retransmission – Programmable for 0 - Vdc, 0 - 20 or 4 - 20mA
- \* 10-point Red LED Bar Graph
- \* Multiple Programming Levels with Coded Access
- \* 4-key Touch-Type Keypad
- \* Built-In Strain Gauge Bridge Excitation – 10 Vdc
- \* Filter for Digit Stabilization
- \* RS-232 & RS-485 Communication Available; Consult Factory for More Information

**Model Number: PDA05030**

Series **992** Melt Pressure and Temperature Indicator



### Melt Pressure Display and Alarm Indicators For Extrusion

SPECIFICATIONS			
Part Number:	772 Series – 1/8 DIN PDA05010	882 Series – 1/4 DIN PDA05020	992 Series – 1/4 DIN PDA05030
<b>Electrical</b>			
Power:	120 Vac ±10% or 230 Vac ±10% (50/60 Hz) Optional: 11-27 Vac/Vdc for PDA05010 and 20-27 Vac/Vdc for PDA05020/PDA05030		
Operating Temp.:	+32°F to +130°F (0° to 55°C)		
Noise Immunity:	VDE 0843 & IEC 801		
Fascia Seal Rating:	N/A	NEMA 4X – IP65	
Termination:	Screw clamp terminals		
<b>Signal Input</b>			
Type:	350 Ω strain gauge bridge		
Input Sensitivity:	3.3 mV/V	1.5 to 7.5 mV/V	
Accuracy:	±0.2% of full scale ±1 digit		
Sensor Excitation:	10 Vdc @ 120 mA		
Calibration:	Will accept transducers with internal shunt calibration values from 40%–100% or external calibration resistors		
<b>Housing</b>	1/8 DIN (48 × 96 × 160 mm)	1/4 DIN (96 × 96 × 160 mm)	
<b>Panel Cutout</b>	1.75 × 3.62 in. (44.5 × 92 mm)	3.62 × 3.62 in. (92 × 92 mm)	
<b>Display</b>			
Type:	4-digit LED display	Two 4-digit LED displays Red: Pressure Green: Temperature	
Ranges:	User programmable: –999 to +9999		Pressure: –999 to +9999 Temperature: Standard T/C limits
Units:	PSI, kg/cm <sup>2</sup> , BAR, kPa, Pa, MPa	PSI, kg/cm <sup>2</sup> , BAR, °F, °C	
Decimal:	Selectable from keyboard		
Set-up Prompts:	Displays program steps and error conditions		
<b>Alarms</b>			
Type:	2 SPDT: In the event of a power failure relays go into alarm condition		
Mode:	Absolute, relative with direct or inverse functions can be set via front panel keyboard		
Set Point Range:	0-100% full scale		
Hysteresis:	Configurable per output		
Contact Rating:	5A @ 250 Vac for each alarm output		
<b>Auxiliary Output</b>			
Retransmission:	N/A	0-10 Vdc or 0/4-20ma	
Resolution:	N/A	4000 steps	
Isolation:	N/A	1500V	

**Ordering Information:** Order by the part number of the display that meets your requirements.  
Standard lead time is stock to 3 weeks.