



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
Electrical			
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		
Signal Input			
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		
Housing	1/8 DIN (48 × 96 × 160 mm)	1/4 DIN (96 × 96 × 160 mm)	
Panel Cutout	1.75 × 3.62 in. (44.5 × 92 mm)	3.62 × 3.62 in. (92 × 92 mm)	
Display			
Type:	4-digit LED display	Two 4-digit LED displays Red: Pressure Green: Temperature	
Ranges:	User programmable for pressure and temperature: –999 to +9999		Pressure: –999 to +9999 Temperature: Standard T/C limits
Units:	PSI, kg/cm ² , BAR, kPa, Pa, MPa	PSI, kg/cm ² , BAR, °F, °C	
Decimal:	Selectable from keyboard		
Setup Prompts:	Displays program steps and error conditions		
Alarms			
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		
Auxiliary Output			
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.

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

(800) 323-6859 • Email: sales@tempco.com