



### 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>			
<b>Power:</b>	120 Vac $\pm$ 10% or 230 Vac $\pm$ 10% (50/60 Hz) Optional: 11-27 Vac/Vdc for PDA05010 and 20-27 Vac/Vdc for PDA05020/PDA05030		
<b>Operating Temp.:</b>	+32°F to +130°F (0° to 55°C)		
<b>Noise Immunity:</b>	VDE 0843 & IEC 801		
<b>Fascia Seal Rating:</b>	N/A	NEMA 4X – IP65	
<b>Termination:</b>	Screw clamp terminals		
<b>Signal Input</b>			
<b>Type:</b>	350 $\Omega$ strain gauge bridge		
<b>Input Sensitivity:</b>	3.3 mV/V	1.5 to 7.5 mV/V	
<b>Accuracy:</b>	$\pm$ 0.2% of full scale $\pm$ 1 digit		
<b>Sensor Excitation:</b>	10 Vdc @ 120 mA		
<b>Calibration:</b>	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>			
<b>Type:</b>	4-digit LED display	Two 4-digit LED displays Red: Pressure Green: Temperature	
<b>Ranges:</b>	User programmable for pressure and temperature: –999 to +9999		Pressure: –999 to +9999 Temperature: Standard T/C limits
<b>Units:</b>	PSI, kg/cm <sup>2</sup> , BAR, kPa, Pa, MPa	PSI, kg/cm <sup>2</sup> , BAR, °F, °C	
<b>Decimal:</b>	Selectable from keyboard		
<b>Setup Prompts:</b>	Displays program steps and error conditions		
<b>Alarms</b>			
<b>Type:</b>	2 SPDT: In the event of a power failure relays go into alarm condition		
<b>Mode:</b>	Absolute, relative with direct or inverse functions can be set via front panel keyboard		
<b>Set Point Range:</b>	0-100% full scale		
<b>Hysteresis:</b>	Configurable per output		
<b>Contact Rating:</b>	5A @ 250 Vac for each alarm output		
<b>Auxiliary Output</b>			
<b>Retransmission:</b>	N/A	0-10 Vdc or 0/4-20mA	
<b>Resolution:</b>	N/A	4000 steps	
<b>Isolation:</b>	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](http://www.P65Warnings.ca.gov).

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