

Melt Pressure Indicators

Melt Pressure Display and Alarm Indicators For Extrusion

Part Number: PDA05010 PDA05020 PDA05030	SPECIFICATIONS				
Power: 120 Vac ±10% or 230 Vac ±10% (50/60 Hz)	Part Number:				
Optional: 11-27 Vac/Vdc for PDA05010 and 20-27 Vac/Vdc for PDA05020/PDA05030	Electrical				
Type: A-digit LED display Two 4-digit LED display Temperature: Standard T/C limits	Power:	120 Vac ±10% or 230 Vac ±10% (50/60 Hz)			
Type: A-digit LED display Two 4-digit LED display Temperature: Standard T/C limits					
Noise Immunity: N/A NEMA 4X - IP65	Operating Temp :	<u> </u>			
Fascia Seal Rating: N/A NEMA 4X − 1P65 Termination: Screw clamp terminals Signal Input 350 Ω strain gauge bridge Input Sensitivity: 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 Two 4-digit LED display Red: Pressure Green: Temperature Pressure: −999 to +9999 Pressure: −999 to +9999 Pressure: −999 to +9999 Temperature: Standard T/C limits Pressure: −999 to +9999 Pressure: −999 to +9999 Temperature: Standard T/C limits Pressure: Displays program steps and error condition Alarms Pressure: Displays program steps and error condition Alarms Alarms Alarms O-100% full scale Alarm condition Al					
Screw clamp terminals		•			
Signal Input Type: 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 x 96 x 160 mm) 1/4 DIN (96 x 96 x 160 mm) Panel Cutout 1.75 x 3.62 in. (44.5 x 92 mm) 3.62 x 3.62 in. (92 x 92 mm) Display Two 4-digit LED displays Red: Pressure Green: Temperature Red: Pressure Green: Temperature Ranges: User programmable for pressure and temperature: Green: Temperature: Standard T/C limits PSI, kg/cm², BAR, kPa, Pa, MPa PSI, kg/cm², BAR, °F, °C Decimal: Selectable from keyboard 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: SA @ 250 Vac for each alarm output					
Type:	10111111111111111		Solo Westing Commission		
Type:	Signal Input				
Calibration: End End			350 Ω strain gauge bridge		
Sensor Excitation: Will accept transducers with internal shunt calibration values from 40%-100% or external calibration resistors	Input Sensitivity:	3.3 mV/V			
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 Two 4-digit LED displays Red: Pressure Green: Temperature Panges: User programmable for pressure and temperature: Green: Temperature Pressure: -999 to +9999 Pressure: -999 to +9999 Premperature: Standard T/C limits Units: PSI, kg/cm², BAR, kPa, Pa, MPa PSI, kg/cm², BAR, °F, °C Decimal: Selectable from keyboard Setup Prompts: Displays program steps and error conditions Alarms Displays program steps and error conditions can be set via front panel keyboard Set Point Range: O-100% full scale Hysteresis: Configurable per output Contact Rating: SA @ 250 Vac for each alarm output Auxiliary Output Retransmission: N/A O-10 Vdc or 0/4-20mA Resolution: N/A 4000 steps					
Housing		•			
Panel Cutout 1.75 × 3.62 in. (44.5 × 92 mm) Display Type: 4-digit LED display Two 4-digit LED displays Red: Pressure Green: Temperature Ranges: User programmable for pressure and temperature:	Calibration:	Will accept transducers with internal shunt calibration values from 40%–100% or external calibration resistors			
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 Temperature: Standard T/C limits Pressure: −999 to +9999 Pressure: All Agriculture: Standard T/C limits Units: PSI, kg/cm², BAR, kPa, Pa, MPa PSI, kg/cm², BAR, °F, °C Decimal: Selectable from keyboard Setup Prompts: 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: Resolution: N/A 0-10 Vdc or 0/4-20mA Resolution: N/A 4000 steps	Housing	1/8 DIN (48 × 96 × 160 mm)	1/4 DIN (96 × 96 × 160 mm)		
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Retransmission: N/A 0-10 Vdc or 0/4-20mA Resolution: N/A 4000 steps		5A @ 250 Vac for each alarm output			
Retransmission: N/A 0-10 Vdc or 0/4-20mA Resolution: N/A 4000 steps	Auxiliary Output		·		
Resolution: N/A 4000 steps		N/A	0-10 Vdc or	r 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.