
Digital-Panel-Meter DPM - PCS 02

LED-display with optional limiting value transmitter



The Digital-Panel-Meter DPM-PCS 02 is a 4-digit meter with a bright, 21mm high LED-display. It offers good readability even from long distances.

The optional limited value transducer is ideal for the monitoring of tension signals.

Adjustments for scale, decimal point, MIN-/MAX-limited values and display colour are done via the front-side pushbuttons.

Special Features:

- comfortably adjustable display, in the proper unit of measure
- display range from -1999 to 9999 digit
- programmable via front-side pushbuttons
- multi-level programming interlock
- MAX-value-memory
- limited value transducer MIN / MAX (optional)
- adjustable decimal point
- programmable display colour: red, green or amber
- connection by removable screw terminal plug
- supply voltage AC: 230V AC or 115V AC
- supply voltage DC: 10 to 32V DC, galvanically isolated
- DIN front dimensions 96 x 48mm
- IP65 front side (optional)

Technical Data DPM - PCS 02

Designation	DPM - PCS 02	
Display	9-segment display, 21mm LED	
Display range	-1999 to 9999 digit, freely scalable	
Display colours (programmable)	red, green, amber	
Measuring ranges (programmable)	mV mV V V mA	0 to 100 ±50 0 to 10 ±5 0/4 to 20
Accuracy @ 25°C	%	±0,03
Response time	sec	1 to 2
Sampling rate		3 meas./sec
Internal resolution		15 bit
Limited value transducer Min/Max (optional)		2 change-over contacts, 250V AC / 30V DC, max.6A
Supply voltage		
- 230V AC (Standard)	V AC	230 ±15%
- 115V AC (optional)	V AC	115 ±15%
- 24V DC (optional)	V DC	10 to 32, galv. isolated
Power consumption	W	max. 6
Temperature range		
- Operation temperature range	°C	0 to +60
- Storage temperature range	°C	-40 to +85
Dimensions		
- Device	mm	96 x 48 x 150 (W x H x D)
- Panel cut-out	mm	92 x 45 (W x H)
Weight	g	approx. 575
Housing material	Polycarbonat 94 V-0 UL	
Connection	plug with screw terminals	

Technical execution subject to change without prior notice

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