

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

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|---|--------------------------------------|--|
| 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 | 0 to 100 |
| | mV | ±50 |
| | V | 0 to 10 |
| | V | ±5 |
| | mA | 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 srew terminals |

Technical execution subject to change without prior notice

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