

DPM 24/48-2000 D

DPM 24/48-2000 F



- ▶ Front bezel size 48 x 24 mm
- ▶ Low power LED display
- ▶ Standard measuring ranges, inc. 4 ... 20 mA
- ▶ 'Snap-in' panel mounting

Compact digital display units in a 48 mm x 24 mm DIN-standard snap-in housing. The units are suitable for connecting standard current and voltage signals, including 4 mA ... 20 mA. The low power consumption and small overall size of these DPMs suits high-density panel applications.

Display	Display range Decimal point position Negative input indication Digit height Overload indication Setting time	1999 programmable, settable by DIP switch "m" 10 mm / 7-segment digits Last 3 digits blank < 1 s (0...99 %)
Measuring ranges	Direct voltage (Input current < 100 µA) Direct current (Voltage drop < 200 mV) Measuring accuracy Temperature coefficient zero point drift Interference voltage suppression Range adjustment span	Version D Version F 0 ... 10 V 0 ... 0.2 V 0 ... 2 V 0 ... 20 V 0 ... 1 mA 0 ... 10 mA 4 ... 20 mA < 0.2 % + 1 digit 100 ppm/°C, plus 200 ppm/°C > 40 dB from 10% to 100% of range
Power supply	24 V DC Optional	21 ... 30 V DC, 50 mA approx. 5 V DC ± 5 % , 150 mA approx.
Environmental conditions	Operating temperature Storage temperature Protection class front Climatic class Safety class Device safety EMC immunity EMC radiated interference	0 ... 50 °C - 40 ... 80 °C IP 20 to IEC EN 60 529 IP 50 (IP 54 on request) Class 2 VDE/DIN 3540 II to IEC 348 / VDE 0411 to IEC EN 61 010 DIN EN 61 000-4-1 to 4 DIN EN 50 081 class B

Dimensions and weights	Bezel size Panel cut-out Overall depth Weight	48 mm x 24 mm DIN 43 718 45 + 0.6 mm x 22.2 + 0.3 mm 69 mm < 50 g
Sundry	Connections	direct screw terminals
Order details	Type : Measuring input : Display : Display caption : Options : Supply voltage :	Example DPM 24/48-2000 D 0 ... 20 mA 0 ... 12.00 pH 24 V DC