

Power Indicator PCE-N20U



Power Indicator PCE-N20U for System Integration

0 ...10 V, 0 ... 60 mV or ± 10 V input / 2 open collector outputs / 24 V power supply system for sensors and transducers

PCE-N20U is a power indicator used for signal processing. Designed for quick and easy system integration, the digital panel meter features a large 5-digit LED display with tricolor coding dependent on the measured values. The PCE-N20U also can output signals via two open collector outputs when a threshold value is exceeded.

The two open collector outputs allow for the usage of external alarm systems in combination with the PCE-N20U. The threshold values and other settings can be adjusted using the free software LPCon and the PCE-PD 14 programming adaptor (sold separately - see accessories for details). An integrated power supply system of 24 V allows for the direct connection of sensors and transducers to the PCE-N20U. In addition, the face of the PCE-N20U has an IP65 ingress protection rating against dust and water.

Note: Before ordering, please configure the PCE-N20U using the drop-down menus above. Choose desired input, power supply and measuring unit.

- ▶ 0 ...10 V, 0 ... 60 mV or ± 10 V input
- ▶ Accuracy: $\pm (0.2 \% \text{ FS} + 1 \text{ digit})$
- ▶ Two open connector outputs
- ▶ Integrated 24 V power supply system for direct connection of sensors and transducers
- ▶ IP65 ingress protection rating (on face) against dust and water
- ▶ 5-digit LED display with tricolor coding dependent on measured values

Specifications

	0 ... 10 V
Input (selectable)	0 ... 60 mV ± 10 V
Input impedance	1 MΩ
Accuracy	± (0.2 % FS + 1 digit)
Scale	2 points
Averaging time	0.5 ... 20 s
Outputs	2 x open collector outputs, 30 V, 20 mA
Sensor power supply	24 V, 30 mA
Display	5-digit, 7-segment, three-color LED display, 14 mm (0.55") high
Display range	-19999 ... 99999
Ambient temp. range	During operation: -10 °C ... +55 °C (+14 °F ... +131 °F) During storage: -25 °C ... +85 °C (-13 °F ... +185 °F)
Max. humidity	95 % RH non-condensing
Dimensions	96 x 48 x 64 mm (Approx. 3.78 x 1.89 x 2.52")
Panel installation	According to DIN standard: 92 x 45 mm (Approx. 3.62 x 1.77")
Power supply (selectable)	85 ... 253 V AC/DC 20 ... 40 V AC/DC
Power consumption	< 6 VA
Ingress protection rating	Face: IP65
Weight	< 250 g (0.56 lb)
Mounting	Mounting clips with screws, connection via screw terminals (connection plan on the housing)
Housing	Solid plastic

More information

More product info



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