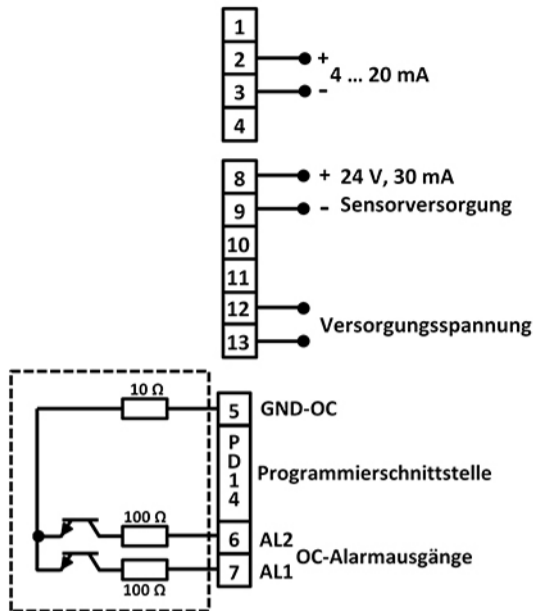


Temperature Indicator PCE-N20I



Temperature Indicator PCE-N20I / 2 open collector outputs / setup via software /

for 4...20 mA, 0...20 mA signals / IP 65 protected front / Power supply system for sensors and transducers

The PCE-N20I digital indicator is used for processing 4...20 mA and 0...20 mA signals. Many measuring transducers and sensors use this type of output, which makes the PCE-N20I suitable in a wide application area. The measurement results are shown on the large 5-digit LED-display of the PCE-N20I. Depending on the actual values, the results can be shown in three different colours, which makes it easier to evaluate them. The PCE-N20I can also output signals via its two open collector outputs, when a threshold value is exceeded.

This allows the usage of external alarm systems in combination with the PCE-N20I. The threshold values and other configuration settings can be set by using the free software LPCon and the optional PCE-PD 14 programming adapter. An integrated power supply system of 24 V allows the direct connection of sensors and transducers to the PCE-N20I. The PCE-N20I is available with different measuring units, inputs and power supplies. You can select the particular parameters further below.

- ▶ IP 65 protection on the front
- ▶ for 4...20 mA and 0...20 mA signals
- connection via screw terminals
- ▶ 24 V power supply system for sensors and transducers
- ▶ 5-digit, three-coloured LED display
- ▶ two open connector outputs

Specifications

	4 ... 20 mA
Input (selectable)	0 ... 20 mA ± 20 mA
Input impedance	10 Ω ± 1 %
Accuracy	± (0,2 % FS + 1 dgt.)
Scale	2 points
Averaging time	0,5 ... 20 s
Outputs	2x open collector outputs, 30 V, 20 mA
Sensor power supply	24 V, 30 mA
Display	5-digit 7-segment LED display, height: 14 mm, three-coloured
Display range	-19999 ... 99999
Environmental temperature	During operation: -10 °C ... 55 °C During Storage: -25 °C ... +85 °C
max. humidity	95 % non-condensating
Dimensions	96 mm x 48 mm x 64 mm
Panel installation	92 mm x 45 mm (according to DIN standard)
Power supply (selectable)	85 ... 253 V AC/DC 20 ... 40 V AC/DC
Power consumption	< 6 VA
Protection class	Front: IP 65
Weight	< 250 g
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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Subject to change