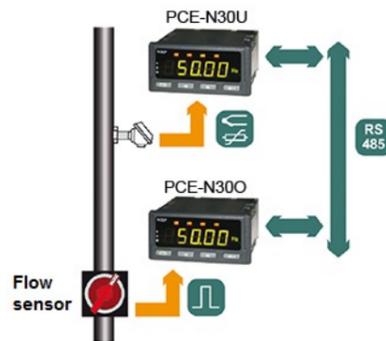


Frequency Indicator PCE-N30U

Temperature and flow measurements in one channel



Frequency Indicator PCE-N30U / for several different input signals / three-coloured display / 2 alarm relays / internal real-time clock / optional pulse output and RS485 interface / IP65 protected front side

The frequency indicator PCE-N30U can process several different input signals, such as 0...410/4010 Ohm, -10...+63 mV DC, -13...+13 V DC, -24...+24 mA DC or signals from thermocouples and resistance thermometers. This makes the frequency indicator applicable in a wide range of applications. The measured values are shown on the large LED display of the PCE-N30U.

The display is three-coloured and can change its colour depending on the actual indicated value. This makes it easier to evaluate the values. It is also possible to program threshold values, which trigger a signal through the two alarm outputs. The input signal of the frequency indicator is freely scalable. The PCE-N30U is available with different measuring units, outputs and power supplies. You can select the particular parameters further below.

- ▶ 21-point scaling
- ▶ IP 65 protection on the front
- ▶ three-coloured display
- ▶ two alarm outputs
- ▶ 4 buttons on the front
- ▶ optional RS485 interface, OC pulse output, changeover relay, analogue output

Specifications

Input (selectable)	2-, 3-wire Pt100, Pt500, Pt1000 thermocouples type J, K, N, E, R, S resistance 0 ... 410 Ohm / 4010 Ohm voltage -10 ... +63 mV DC, -13 ... +13 V DC current -24 ... +24 mA DC
Sampling rate	1 per second
Resolution	16 bit
Internal resistance	voltage measurements: 1 MOhm current measurements: 12 Ohm
Scaling	21 points
Display	5-digits, 7-segments, LED, three-coloured
Display range	-19,999 ... +99,999
Measuring unit	selectable from 56 different units
Outputs	2 closing relays 250 V / 0.5 A Sensor power supply: 24 V DC, max. 30 mA 2 changeover relays 250 V / 0.5 A
Additional outputs (selectable)	RS485 interface analogue output (4 ... 20 mA / 0 ... 10 V) open collector pulse output
Environmental conditions	During operation: -25 °C ... 55 °C / 25 ... 95 % RH During storage: -33 °C ... +70 °C / 25 ... 95 % RH
Dimensions	96 x 48 x 93 mm
Panel cutout	92 x 45 mm (according to DIN standard)
Power supply (wählbar)	85 ... 253 V AC/DC 20 ... 40 V AC/DC
Protection class	Front: IP 65
Weight	< 200 g
Mounting	Mounting clips with screws, Connection via screw terminals (connection plan on the housing)
Housing	plastic

More information

More product info



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Subject to change