

Indicator PCE-N50F



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Weighing terminal for load cells, force sensors, etc. / LCD display / Max. 1600 Hz sampling rate / Serial Modbus interface / Digital inputs / Outputs / Different units

The indicator PCE-N50F is suitable for panel mounting. This indicator can be used to show the weight, force or torque. The decisive factor here is the type of sensor that is connected to the indicator. The calibration of the indicator to the respective measuring cell is made via the menu with the aid of exact calibration weights. The indicator is used for stationary and individual weighing solutions. Often the indicator is used where the weight has to be determined continuously.

The display of the indicator device is a graphic display, which shows not only the numerical measured value but also the course of the weighing process. The indicator also displays the minimum and maximum weighing values. Using the keys, the indicator can be tared or set to zero. In addition to the operation via the keys, the indicator can be operated via the rear-side digital inputs. So external buttons can be connected, which tare the force display device etc.

- ▶ Up to 1600 Hz sampling rate
- ▶ LC display
- ▶ Minimum and maximum value determination
- ▶ Tare and zero function
- ▶ For load cells, force sensors, etc.
- ▶ Digital inputs and outputs

Specifications

Signal Input Range	0 ... 20 mV
Minimal sensitivity	0.1 μ V / digit
Supply voltage of the measuring cell	5V / 100-mA
Number of measuring cells	1 ... 8x 350 Ohm measuring cell (s)
Display	3.5 "LCD
Units	g, mN, mlb, Pa, kg, N, lb, kPa, t, kN, klb, MPa
Measuring rate	6, 12, 25, 50, 100, 200, 400, 800, 1600 Hz
Electrical connections	Screw 1 ... 2.5 mm ²
Power supply	220V AC / 50Hz
Input	< 10W
Degree of protection	Front: IP65
Assembly	Panel cut
Size panel cutout	152 x 76 mm / 6 x 3 in
Dimensions	166 x 88 x 146 mm / 6.5 x 3.5 x 5.7 in
Weight	About 1150 g / 2.5 lbs
Operating conditions	-10 ... 40°C / 14 ... 104°F, max 85% RH
Storage conditions	-20 ... 50°C / -4 ... 122°F, max 85% RH

More information

More product info



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