

## Weight Indicator N45F

### Force indicator PCE-N45F

#### **Weighing indicator for load cells, force sensors and weighing platforms / 4 and 6 wire connection technology / OLED display / Analogue output / Digital input / Relay s**

The weighing indicator PCE-N45F is used to realize individual weighing solutions. Load cells, force sensors, weighing platforms and other sensors that use strain gauges can be connected to the weighing indicator. This makes the weighing indicator a versatile measuring instrument for weight, force, torque, etc. The weighing indicator has a measuring input to which the sensors can be connected in 4 or 6-wire technology. The menu can be used to perform an exact calibration / adjustment from the weighing indicator.

The weighing indicator has many rear connections. Thus, the 4 NO relays and the potential-free digital input are connected here on the weighing indicator. The outputs can be used to trigger different processes. The digital input is used to tare the weighing indicator or to set the display to 0. In addition to these functions, the weighing indicator can be deleted via the interface. The analogue output is used to pass on the displayed value directly from the weighing indicator.

- OLED display
- Display for DMS
- mV / V input
- Relay output
- Potential-free digital input
- Interface and analog output

#### **Specifications:**

Signal Input Range	<b>0 ... 10 mV</b>
Sensitivity in mV / V at 5V	2 mV / V
Minimal sensitivity	0.9 µV / D
Signal Input Range	<b>0 ... 15 mV</b>
Sensitivity in mV / V at 5V	3 mV / V
Minimal sensitivity	0.9 µV / D
Supply voltage of the measuring cell	5V
Number of measuring cells	1 ... 6x 350 Ohm measuring cell (s)
Display	OLED 128 x 64 pixels
Units	g, kg, t, kN, N, Nm
Measuring rate	200 Hz
Electrical connections	Screw
	1 ... 1.5 mm <sup>2</sup>
Power supply	24V DC
Input	< 6W
Degree of protection	Front: IP65
Assembly	Panel cut
Size panel cutout	92 x 44 mm
Dimensions	110 x 62 x 119 mm / 4.3 x 1.3 x 4.7 in

Weight  
Operating conditions

About 440 g / < 1 lb  
-10 ... 40°C / 14 ... 104°F, max 95% rh

**Delivery scope:**

1 x Force indicator PCE-N45F  
1 x Sealing tape  
1 x User manual