



## Load cell, Measuring range: 0-1 kN



### Order data

Order number	479100 0-1
GTIN	2050001056238
Item class	47F

### Description

#### Version:

Hydraulic load cell with directly attached pressure gauge for static and quasi-static force measurement.

Body and piston stainless steel, pressure gauge of pressed brass with memory pointer. Protected against contamination with foreign particles and water spray (IP43).

3×M5 tapped hole in the cell base for attachment.

#### Advantage:

When used in accordance with instructions, a leaktightness warranty of 5 years is given.

#### Function:

IP43: Protected against splashed water from directions up to 60° relative to normal operating position and protected against penetration by foreign bodies with  $\varnothing > 1$  mm, however tools and wires should be kept away.

#### Application:

In machine tool building.

#### Supplied with:

Display unit, manufacturer's certificate of conformity, and transport case.

Packaging: sturdy box

IP Index of Protection: IP 43

Scale graduations: 0.05 kN

Error limit:  $\pm 1.6$  of the full scale value ( $\pm 2.5$  with memory pointer) %

Piston  $\varnothing$ : 45 mm

Height of load cell: 30 mm  
Ø load cell: 75 mm  
Operating temperature: -10 - 50 °C

## Technical description

Height of load cell	30 mm
Ø load cell	75 mm
Scale graduations	0.05 kN
Measuring range	0 - 1 kN
Piston area	10 cm <sup>2</sup>
Operating temperature	-10 - 50 °C
Error limit	±1.6 of the full scale value (±2.5 with memory pointer) %
Piston Ø	45 mm
IP Index of Protection	IP 43
Measurement technology	analogue
Test certificate	Manufacturer's test certificate
Packaging	sturdy box
Type of product	Load cell