

**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.

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 ²
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