

**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 <sup>2</sup>   |
| Operating temperature  | -10 - 50 °C  |
| Error limit            | ±1.6 of the full scale value<br>(±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  |