**OEM Automatic Ltd**
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

# WIKA HYDRAULIC LOAD CELL F1102

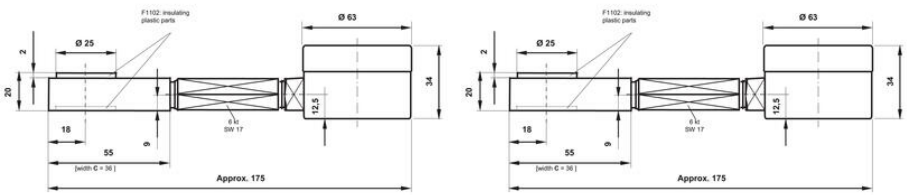
Force Transducer for welding tongs

F11021325094
Hydraulic load cell compact, 0-2.5 kN with Ø63 gauge

- Operates without power supply
- Pressure plate 20x55x36mm
- Accuracy ≤±1.6%
- Sensor body - Plastic
- Piston movement ≤0.5mm

### PRODUCT DESCRIPTION

Compact mechanical load cell with directly mounted meter that is uniquely adapted for measuring the pressing force in welding rods, as the contact surface is made of plastic. The low construction height of 20 mm also enables measurement in tight spaces.

## TECHNICAL DATA

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|---|---|
| **Force range** | 0-2,5 kN |
| **Function** | Pressure |
| **IP class** | IP65 |
| **Material** | Stainless steel |
| **Nominal operating** | 0.5 mm |
| **Temperature operational max** | 50 °C |
| **Temperature operational min** | -10 °C |