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WIKA HYDRAULIC LOAD CELL F1106/F115/F1135/F1145

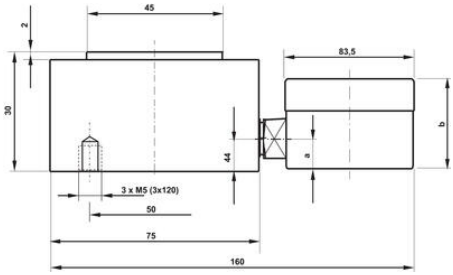
Compression Force Transducer up to 850 kN

F11061416145
Hydraulic force sensor, Ø75, 0-16 kN with Ø63 gauge

- Operates without power supply
- Handles oblique forces up to 3°
- Accuracy ≤±1.6%
- Stainless steel pressure plate and piston
- Piston movement ≤0.5mm

PRODUCT DESCRIPTION

Load cell in compact cylindrical design with integrated analog output signal, adapted to be placed under tanks or silos for weighing and indicating materials. To measure liquid level in tanks with three legs, this force transducer can be placed under one leg and measure 1/3 of the total mass.

TECHNICAL DATA

Force range	0-16 kN
Function	Pressure
IP class	IP65
Material	Stainless steel
Nominal operating	0.5 mm
Temperature operational max	50 °C
Temperature operational min	-10 °C