POWER HOIST
HF 25/LPT

Application field:

Device designed to measure the force generated by electric chain hoists.
The POWER HOIST HF25 allows precise determination of the friction clutch adjustment level on chain hoists without the need for calibration weights.
Thanks to the “MAX” function, in most cases the force measurement can be performed from ground level, eliminating the need for an access platform or scaffolding.

Operating principle:

Shear force measurement using strain gauges.
The sensor directly receives the applied force, and the resulting internal stresses are measured by the strain gauge bridge integrated in the sensor.
The signal generated by the strain gauges is then processed by the associated electronics and displayed on the LCD screen.

Technical specifications:



Maximum capacity	:	4000 daN
Material		: Aluminum
Compatible chain		: Ø 5 à 10 mm - other sleeves can be custom-made (maximum chain width 36 mm)
Overall error		: +/- 0,5% of full scale
Measurement modes		: impact and slip
Measurement units		: Kg, N, daN, KN, LBS
Power supply		: 2 x CR123 (3V)
Battery life		: +/- 100 h
Operating temperature		: -10° to +60°
Protection rating		: IP 65
Weight		: 4,3 Kg

Dimensions:

