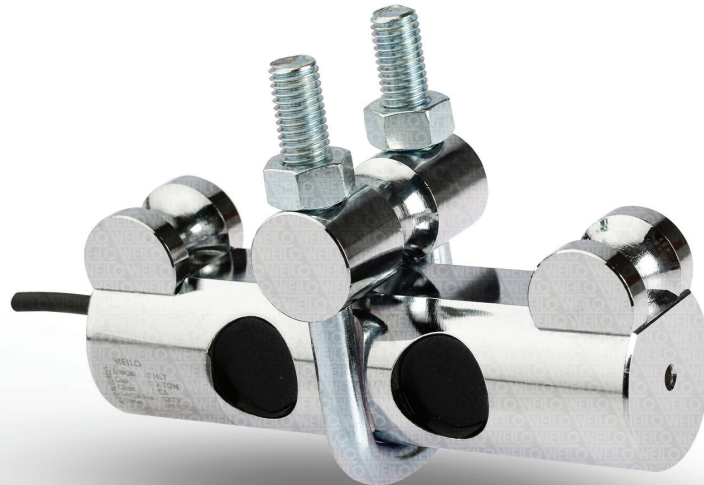


HLT Crane Over Load Sensor



Overload control load cell that is mounted on a steel rope and measures the tension of the rope.



ABOUT PRODUCT

HLT model load cell being mounted to the steel rope and provides measurement on the tension of the rope.

Its used in crane industry to have work safety and to prevent accidents that may cause loss of life and property by exceeding the capacity of the crane.

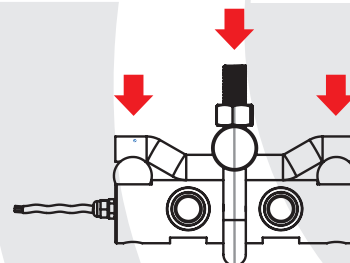
In addition HLT model load cell can be monted installed crane or can be mounted the rope of the new produced crane so it also gives your crane a weighing function.

HLT model load cells are plated by nickel to make it resistant to corrossion and rust.

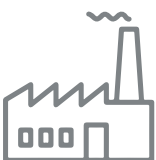
CONNECTION DIAGRAM



WORK STYLE



APPLICATION AREAS



Machinery and
Industry



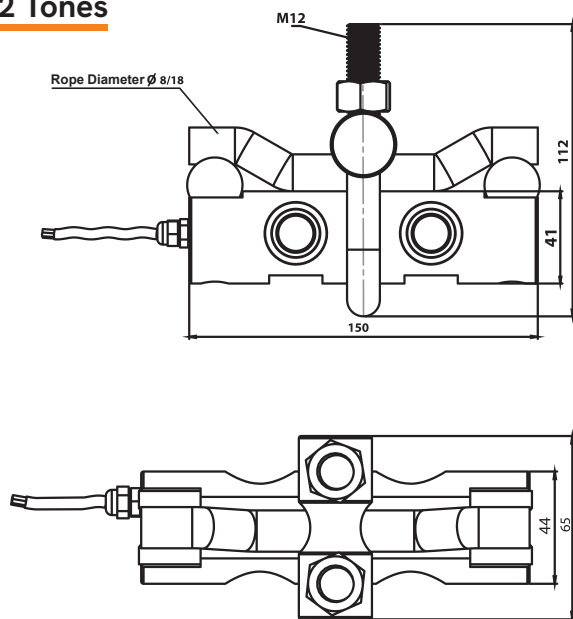
Crane overload systems -
Rope tension measurement tests

FEATURES

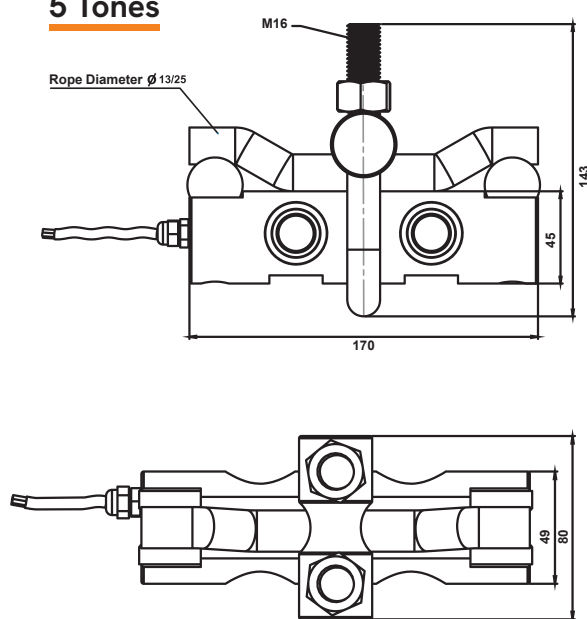
- ✓ IP 66 protection class
- ✓ Nickel plated, alloyed steel
- ✓ Ease of installation

TECHNICAL DRAWING

2 Tones



5 Tones



TECHNICAL SPECIFICATIONS

Capacity	2, 5, 10 tones
Accuracy Class	-
Minimum Load	0
Maximum Intervals (nLC)	-
Minimum Verification Interval	-
Total Error	$\pm 1 \%FS$
Output Sensitivity (FS)	$1.2 \pm 0.2mV/V$
Zero Balance	$\pm 1 \%FS$
Input Resistance	$370 \Omega \pm 20 \Omega$
Output Resistance	$350 \Omega \pm 2 \Omega$
Isolation Resistance	$\leq 5000 M\Omega (100VDC)$
Compensated Temperature	$-10 \sim +40 \text{ }^{\circ}C$
Operating Temperature	$-30 \sim +70 \text{ }^{\circ}C$
Excitation, Recommended Voltage	10 VDC
Maximum Excitation Voltage (Umax)	15 VDC
Safe Overload	150 % FS
Ultimate Overload	300 % FS
Ingress Protection (EN60529)	IP 66
Element Material	Alloyed Steel / Stainless Steel
Cable	4x0.22mm ²

10 Tones

