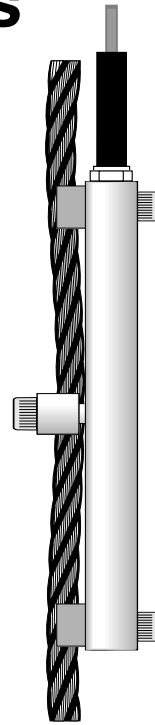


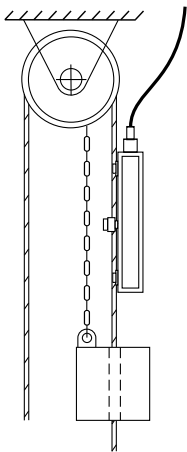
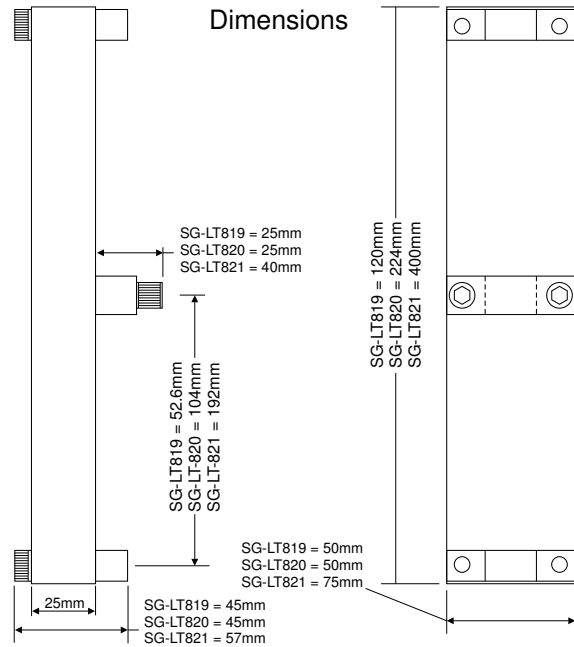
Loadtech Rope Clamp Load Cells

Features

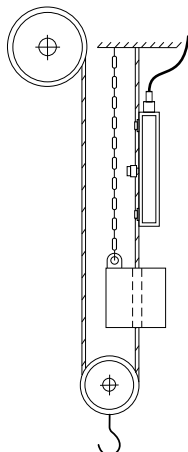
- The clamp-on design makes it ideal for installing on new and existing cranes or winches.
- Accommodates rope sizes from 9 to 30mm.
- Manufactured from anodised aluminium.
- IP66 protection ensures long operational life in indoor and outdoor applications. Unique design allows hydraulic hose to be fitted over the cable to protect from mechanical damage.
- Easy fit installation clamps on with 2 bolts.
- Cost effective solution for crane overload systems.
- Standard load cell output connects to standard load cell instrumentation.
- Model SG-LT820 is the standard general purpose unit. Model SG-LT819 is a shorter version specifically for applications where space is at a premium. Model SG-LT821 is larger and accepts rope sizes 20 to 30mm.



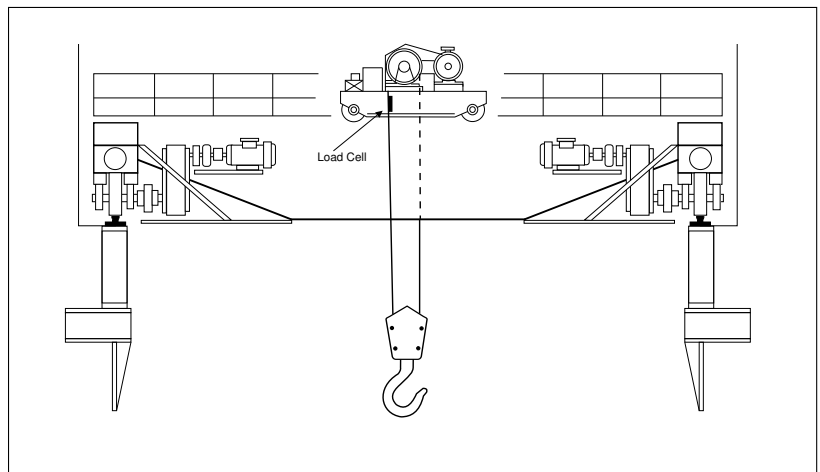
Specifications			
Model	SG-LT819	SG-LT820	SG-LT821
Rope Size	9 to 20mm	9 to 20mm	20 to 30mm
Rated Output	1 to 2mV/V nominal		
Typical Error	2% typical		
Linearity	1% typical		
Repeatability	0.5% typical		
Operating Temp Range	0 to 40°C		
Excitation : Recommended	10VDC		
Excitation: Maximum	15VDC		
Input Impedance	350Ω ±3Ω		
Output Impedance	350Ω ±3Ω		
Insulation Resistance	>1000 MΩ		
Weight	0.8kg	1kg	3kg
Construction Material	Anodised Aluminium		
Environmental Protection	IP66		
Cable	4 or 6 core screened		
Wiring Colour Code 4 core cable	Supply: + = red, - = blue Output: + = green, - = yellow Screen: = grey		
Wiring Colour Code 6 core cable	Supply: + = red, - = blue Output: + = green, - = brown Sense: + = white, - = black		



Compensating sheave arrangement



Dead end anchor point installation



Suitable for installation into overhead travelling cranes

LOAD820-2.0-0

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