

Static line monitor



V1.0



Strainstall's static line tension monitors are highly accurate, compact and built to last.

Designed for wire ropes from 7/8" to 2" diameter, they are suitable for measuring loads of up to 50 tonnes. Simple to install and offering flexibility in use, the small size of the device allows it to be carried easily from application to application.

Options

- Cabled or wireless
- Safe and hazardous areas
- Aluminium or stainless steel construction

Features and benefits

- Compact design
- Robust construction
- Easy to transport
- Bespoke solutions tailored to your specific needs
- Supplied with full certificate of calibration
- Ensures mooring and winch load safety

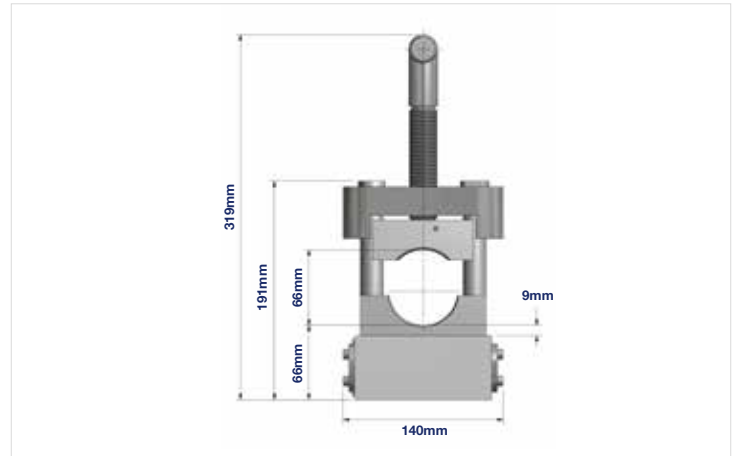
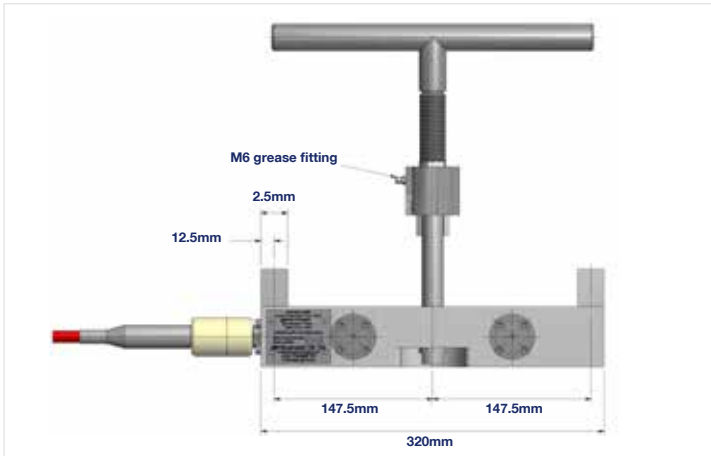
Typical specifications	mA output	External wireless interface
Rated load	As required	
Proof load	200% of rated load (dependent on rope capacity)	
Rope diameter	22mm to 50mm	
Operating temperature	-20°C to +60°C	
Storage temperature	-30°C to +80°C	
Environmental protection	IP67	IP66
Output signal	4-20mA	Wireless
Electrical connection	2 or 3 wire	N/A
Cable connection	Gland and connector	N/A
Cable length	5m as standard	N/A
Recommended supply voltage	24V	N/A
Maximum supply voltage	30V	N/A
Data logging	N/A	In interface
Battery type	N/A	3 x D
Active battery life	N/A	Up to 500 hours
Standby battery life	N/A	Up to 1700 hours
Telemetry frequency	N/A	2.4Ghz ISM
System range	N/A	Up to 350m
Sampling rate	N/A	10Hz (500Hz max)

Due to continuous development, Strainstall reserves the right to change specifications without notice.



Static line monitor typical dimensions

Static line monitor



Experts in bespoke load monitoring solutions, Strainstall can design and manufacture load measurement equipment to suit your specific requirements.

Strainstall's enviable reputation for technical innovation is built on delivering quality products and services that have been engineered to the highest standards. We offer bespoke product design and manufacturing and can also provide complete project management capability to manage delivery to time, quality and cost, while ensuring to strict safety regulations.

We are a leading supplier of hazardous area approved equipment, including load cells, load pins and amplifiers, as well as full asset monitoring systems. All of our hazardous area products are fully certified by SGS Baseefa - the leading, internationally recognised certification body for explosion protected equipment.

We will work with you to fully understand your application and monitoring objectives using our significant experience to deliver improved operational performance.



We are always happy to help find the appropriate, tailored solutions for your business needs. If you have any requests or suggestions please do not hesitate to contact us.