

Load pins | Available with SmartLoad® technology



V1.0



Scotload's long-lasting load pins deliver high accuracy under the most challenging of operations.

Harsh environments are our speciality. Manufactured from high tensile stainless steel, our load pins are suitable for hazardous area and subsea applications, and can be easily retrofitted into existing systems.

We provide an in-house calibration service up to 1700 tonnes, traceable to national standards, as well as a customised design service to suit specialised requests.

Options

- Available with SmartLoad® technology
- Cabled or wireless
- Hazardous area Zone 0, 1 and 2
- X-Y gauging available
- Radial or axial cable exit

Features and benefits

- Internally gauged, fully welded and hermetically sealed
- Short lead time
- Easily retrofitted
- Highly accurate
- In-house custom design and manufacturing

Typical specifications	mV/V output	mA output	Wireless output
Rated load	As required		
Proof load	150% of rated load		
Non linearity	< ± 1% of full scale		
Non repeatability	< ± 0.01% of full scale		
Zero balance	< ± 0.01% of full scale		
Environmental protection	IP67 / IP68		
Safety factor	As required		
Operating temperature	-25°C to +70°C		
Storage temperature	-30°C to +80°C		
Output signal	mV/V	4-20mA	Wireless
Electrical connection	4 core	2 or 3 wire	N/A
Cable connection	Gland or connector		N/A
Cable length	5m as standard		N/A
Recommended excitation voltage	10V	N/A	N/A
Maximum excitation voltage	15V	N/A	N/A
Recommended supply voltage	N/A	24V	N/A
Maximum excitation voltage	N/A	30V	N/A
Bridge resistance	700 Ohm	N/A	N/A
Sensitivity	1.0mV/V to 2.0V/V nominal	N/A	N/A
Data logging	N/A	N/A	On load cell
Battery type	N/A	N/A	2 or 4 x AA
Active battery life	N/A	N/A	Up to 350 hours
Standby battery life	N/A	N/A	Up to 1700 hours
Telemetry frequency	N/A	N/A	2.4Ghz ISM
System range	N/A	N/A	Up to 350m
Sampling rate	N/A	N/A	10Hz (500Hz max)

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

Scotload

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