

# Load Pin

Ver. 1.2



- Combined load indication and load limitation system for hoisting devices, cranes and overhead cranes.
- Designed according to customers specifications as direct replacement for load bearing pins in lifting equipment.
- Provides the highest accuracy within weighing,  $\pm 0.1\%$  FS accuracy.
- Robust stainless steel construction. IP68.



Specifications	
Capacity	0.1 to 1000T
Proof load	150% of rated load
Ultimate breaking load	500 % of rated load
Bridge resistance	350/700/1000 ohms
Excitation	5 to 10 volts (dc)
Output	1.0 to 1.5 mV/V
Non-linearity	$\pm 1\%$ typical
Repeatability	$\pm 0.04\%$ optimum
IP class	IP67
Operating temp.	-20° to 70° C
Temp. Coefficient on Zero	<0.005 % Capacity/°C
Temp. Coefficient on Span	<0.005 % Capacity/°C
Signal cable	5 mtrs. Polyurethane 4 core

Complete systems		
Load limitation	LOADPIN + T1-L-RS485	Tensiometer + Amplifier
Load indication and limitation	LOADPIN + P4 / D2 / D4	Tensiometer + Display w. Amplifier

Options
• Special anti-rotation / locking plates • Second redundancy gauge bridge • Internal signal amplifier
• Single shear pins fully welded • Submersible • Internal greaseways plug / socket breakdown at pi

