

## Load Pin

LOADPIN-17000

- 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
Non-repeatability:	$\pm 0,04$ % optimum
IP class:	IP67
Operating temp.:	-20° to 70° C
Temp. Coefficient on Zero:	<0,02 % Capacity/°C
Temp. Coefficient on Span:	<0,02 % Capacity/°C
Signal cable:	5 mtrs. Polyurethane 4 core

### Complete systems:

LOADPIN + OL3000A	Tensiometer + Amplifer (load limitation only)
LOADPIN + P1001, D1002	Tensiometer + Display w. Amplifer (load indication and limitation)

### 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

