

VETEC STANDARD LOAD PINS

Ver. 1.0

- Combined load indication and load limitation system for hoisting devices, cranes and overhead cranes.
- Provides the highest accuracy within weighing, $\pm 0.1\%$ FS accuracy.
- Robust stainless steel construction.
- Available in IP68 and ATEX.



Specifications	
Capacity	5T and 10T
Proof load	150% of rated load
Ultimate breaking load	500% of rated load
Bridge resistance	350/700/1000/2000 ohms
Excitation	10-30 VDC
Output	4-20 mA
Non-linearity	$\pm 1\%$ typical
Repeatability	$\pm 0.04\%$ optimum
IP Class (Standard)	IP67
Operating temp.	-20° to 70° C
Temp. Coefficient on zero	$< 0.005\%$ Capacity/ $^{\circ}$ C
Temp. Coefficient on Span	$< 0.005\%$ Capacity/ $^{\circ}$ C
Signal cable (Standard)	5 mtrs. Polyurethane 4 core (2 / 3 / 4 / 6 core)

Complete systems		
Load indication and limitation	LOAD PIN + 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

Item No.:	Capacity (T)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (Cable gland)	Weight (kg)
LOADPIN-STD 5T	5T	47.00	18.00	18.00	14.70	6.30	6.00	35.00	35-46	115.00	PG7	1.87
LOADPIN-STD 10T	10T	66.00	27.00	27.00	20.50	10.30	5.00	50.00	48-65	152.00	PG7	0.75

Electrical principle	Dimensions/Mechanical principle
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