

TNC 5500



S – Beam Load Cell Series TNC 5500

Capacities 0.5kN to 50kN



- ▶ Aluminium 'S' Beam
- ▶ Tension /Compression
- ▶ Rationalised Output
- ▶ High Accuracy
- ▶ Sealed to IP66
- ▶ Two year guarantee

Technical Data



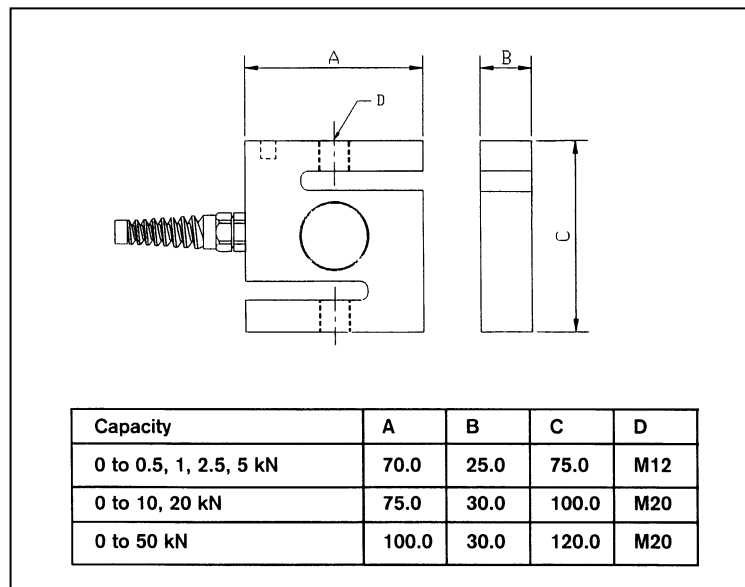
Standard load ranges	kN	0.5,1,2.5,5,10,20,50
Full Load output	mV/V	2.0 +/-0.25%
Excitation voltage (recommended) dc or ac	V	10
Excitation voltage (maximum) dc or ac	V	15
Safe service load	%	150
Ultimate load	%	300
Combined error (non-linearity & hysteresis)	%	<+/- 0.08
Repeatability	%	<+/- 0.015
Output at zero load	%	<+/- 0.03%
Input resistance	ohms	380 +/-30
Output resistance	ohms	350 +/-2
Creep after 30 minutes (20 deg C)	%	<+/- 0.05%
Operational temperature range	deg C	-20 to +70
Compensated temperature range	deg C	20 to +75
Temperature coefficient of zero	%/C	<+/-0.003
Temperature coefficient of span	%/C	<+/-0.003
Environmental protection		IP66
Cable length standard	m	3
Insulation	G ohms	>2 at 100V.dc

NOTE: All percentages related to Full Rated Load

Electrical Connections

6 core cable Wired in compression mode

Red + input Green + output
Blue - input Yellow - output
Black/white – preset cal ref
Screen not connected to load cell



ALL DIMENSIONS IN MM

TNC's policy is one of continuous development and these specifications are subject to change without notice

