

GR5A—Tension Link Load Cell + Display



FEATURES

- Capacities 0.5—9.5Te
- Sealed to IP20.
- Tension use.
- Accuracy 0.05% FS.

APPLICATIONS

- Lifting devices.
- Bridge cranes.
- Process Control.

DESCRIPTION

The T-TLD-GR5A provides a simple device for tension measurement for cranes and other lifting applications. The design incorporates an autonomous instrument and a strain gauged load cell with two spherical joints incorporated in the design for load self alignment.

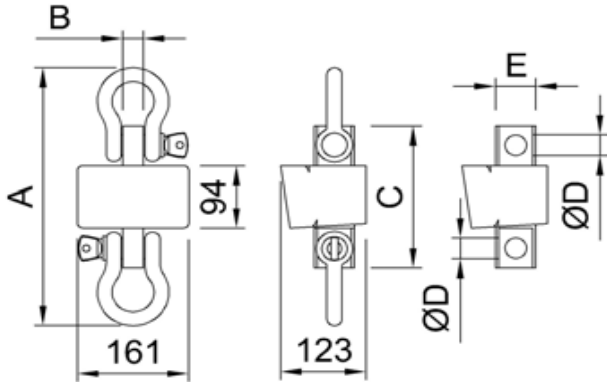
The indicator is equipped with a 25mm high 5 digit LCD display. With 4 easy to find internal batteries, the GR5A reaches 1 year autonomy. The indicator will auto power off after 30 minutes if no changes in measurement are detected.

TYPICAL SPECIFICATION

PARAMETER	VALUE	UNITS
Capacities Range	0.. 0.5, 1, 3, 6.5, 9.5.	Te
Rated Output	N/A	mV/V
Linearity & non repeatability	0.05	±% of Full Scale
Zero Return after 30 minutes	0.05	±% of Applied Load
Zero Balance	Remote zero	±% of Rated Output
Temperature Range: Operating	-10 to +50	°C
Temperature Range: Compensated	-10 to +50	
Temperature Effect: On Output	N/A	±% of Rated Output/°C
Temperature Effect: On zero	N/A	±% of Rated Load/°C
Safe Overload	125	% of Rated Capacity
Ultimate Overload	150	% of Rated Capacity
Excitation: Recommended	4 off 1.5V AA Batteries	Volts DC
Excitation: Maximum	N/A	
Input Impedance	N/A	ohm
Output Impedance	N/A	ohm
Insulation Resistance	>2	GΩ at 50VDC
Deflection at Rated Capacity	N/A	mm
Weight (approximate) :	N/A	kg
Construction	Stainless Steel Load Cell Aluminium Indicator Case	
Environmental Protection	IP20	
Cable	N/A	

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OUTLINE DIMENSIONS in millimeters



	A	B	C	D	E
500kg - 1Te	270	16	178	16	57
3 - 6.5Te	400	30	213	25	57
9.5Te	477	40	239	32	70

NOMINAL LOAD	500kg	1Te	3Te	6.5Te	9.5Te
RESOLUTION	0.1kg	0.2kg	0.5kg	1kg	2kg

ACCESSORIES

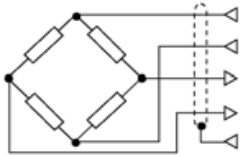


Zinc-plated Shackles

Travelling Case

(Zero/Hold) Remote Control
maximum 4m distance.

WIRING DETAIL

Dynamometer	OUTPUT	CABLE
	EXCITATION+	N/A
	EXCITATION -	N/A
	OUTPUT-	N/A
	OUTPUT+	N/A
	-----	N/A

LOADING MODE

