

# Weight Transmitter and Indicator

## T1-L-RS485

- For overload protection on hoist, winches in lifting or crane applications.
- 6 digit LED display. 8mm digit height.
- Terminals for 4 or 6 wire load cell.
- 3 individual cut off points.
- For din rail mounting.



Specifications		
Divisions range:	0.2 $\mu$ V/VSI, 10.000	
Divisions range for internal use:	0.01 $\mu$ V/VSI, 10.000	
Opto-isolated 16-bit analog output:	4-20mA (max 300 ohm), 0-20mA, 0-10V, +/-10V, 0-5V, +/-5V (min. 10 Kohm))	
Power supply and consumption:	12-24 VDC +/- 10% ; 5W	
Number of Load Cells in parallel:	max 8 (350 ohm)	
Supply:	5VDC/120mA	
Linearity and linearity of the analog output:	<0.01% Full Scale; <0.01% Full Scale	
Thermal drift and thermal drift of the analog output:	<0.0005 % Full Scale ; /°C ; <0.003% Full Scale /°C	
A/D converter:	24 bit (ca 16.000.000 point) 4.8 kHz	
Max divisions (measure range: +/- 10mV =2mV/V):	+/- 999999	
Measure range:	+/- 39 mV	
Max Load Cell sensitivity:	+/- 7 mV/V	
Max conversions per second:	300 conversions/sec. (300Hz)	
Display range:	- 999999; + 999999	
Decimals / Display increments:	0-4 ; x 1 x 2 x 5 x 10 x 20 x 50 x 100	
Digital filter / Conversion rate:	0.012 - 7 sec ; 5-300 Hz	
Logic relay outputs:	N.3 - maximum 115 VAC / 150mA	
Logic inputs:	N.2 - opto-isolated 5-24 VDC PNP	
Serial port:	RS485 (ASCII or Modbus RTU)	
Baud rate:	2400, 4800, 9600, 19200, 38400, 115200	
Humidity (condensate free):	85%	
Storage temp.:	-30°C + 80°C	
Working temp.:	-20°C + 60°C	
Working temp.: (CE-M APPROVED):	-10°C + 40°C	
Item No:	Description	Dimensions (W x L x H)
T1-L-RS485	Weight transmitter analog / DIN rail	25 x 115 x 120 mm
Accessory options		
	Description	
PSU-230-24	For use with 100-240VAC supply	