

## Heavy Duty Tensiometer

WT3

- Combined load indication and load limitation system for hoisting devices and cranes with large wires.
- Electronic clamp-on tensiometer, universal fit.
- Highly accurate and reliable,  $\pm 1\%$  FS accuracy.
- Fully welded stainless steel construction.
- Quick and easy to install on the dead end of the wire rope.
- Supplied with 10 mtrs. cable.



### Specifications:

Full Load Output:	1.0 nom mV/V
Zero Load Output:	$<\pm 5.0\%$
Excitation (Max):	10 (15) V
Accuracy:	$\pm 1\%$ FS
Repeatability:	$<0.25\%$
Input Resistance:	375 ( $\pm 20$ ) $\Omega$
Output Resistance:	350 ( $\pm 2$ ) $\Omega$
Compensated Temp. Range:	$-10^\circ$ to $40^\circ\text{C}$
Operating Temp. Range:	$-20^\circ$ to $60^\circ\text{C}$
Temp. Coefficient on Zero:	$<0.0010\%$ Capacity/ $^\circ\text{C}$
Temp. Coefficient on Span:	$<0.0010\%$ Capacity/ $^\circ\text{C}$
Safe Overload:	150%
Insulation:	$>500 @ 100\text{Vdc M}\Omega$
IP Class:	IP68

Item No:	Wire (mm)	Capacity (kg.)	Dimensions (mm)
WT3-27-28	27-28	9700	L230 x H116
WT3-29-32	29-32	12600	L230 x H116
WT3-33-35	33-35	15100	L230 x H116
WT3-36-38	36-38	17900	L230 x H116

### Complete systems:

Load limitation	WT3 + T1-L-RS485	Tensiometer + Amplifier
Load indication and limitation	WT3 + P1001 / D1002 / D1004	Tensiometer + Display w. Amplifier

