

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 meters of 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 (± 20) Ω		
Output resistance	350 (± 2) Ω		
Compensated temp. range	-10° to 40°C		
Operating temp range	-20° to 60°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 rope (mm)	Capacity (kg.)	Dimesions (mm)
WT3-8-10	8-10	750	L188 x H80
WT3-11-13	11-13	1700	L188 x H80
WT3-14-16	14-16	3000	L188 x H80
WT3-18-19	18-19	4000	L188 x H80
WT3-20-22	20-22	5700	L188 x H80
WT3-24-26	24-26	7000	L188 x H80
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	

