

Heavy Duty Tensiometer

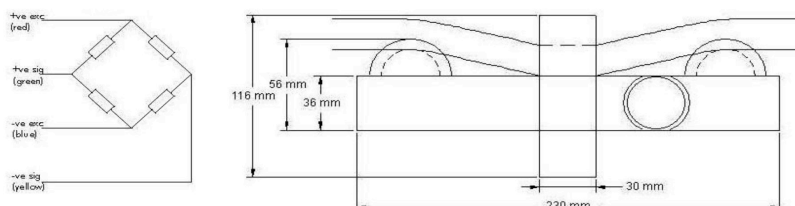


WT3

- 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 | |



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