

MT705 Load Cell



Features

Hermitically Sealed, IP68
Laser welded
Stainless Steel Casing
Excellent self centering

Applications

Hopper , Tank and Silo Weighing
Process Weighing
Truck scales
High Capacity Scales

Specifications

Capacity	t	5, 10, 20 ,30t and 50t
Combined Error	(%FS)	$\leq \pm 0.030$
Creep (30 minutes)	%FS/30min	$\leq \pm 0.025$
Temperature effect on sensitivity	(%FS/10C)	$\leq \pm 0.015$
Temperature effect on zero	(%FS/10C)	$\leq \pm 0.020$
Output sensitivity	(mv/v)	1.5 ± 0.01
Input resistance	(Ω)	670+/-15
Output resistance	(Ω)	600 +/-6
Insulation resistance	(M Ω)	≥ 5000 (50VDC)
Zero balance	(%FS)	1.0
Temperature, Compensated	($^{\circ}\text{C}$)	-10 ~ +50
Temperature, Operating	($^{\circ}\text{C}$)	-25 ~ +65
Excitation, Recommended	(V)	5 ~ 12(DC)
Excitation, Max	(V)	18(DC)
Safe overload	(%FS)	150
Ultimate overload	(%FS)	225

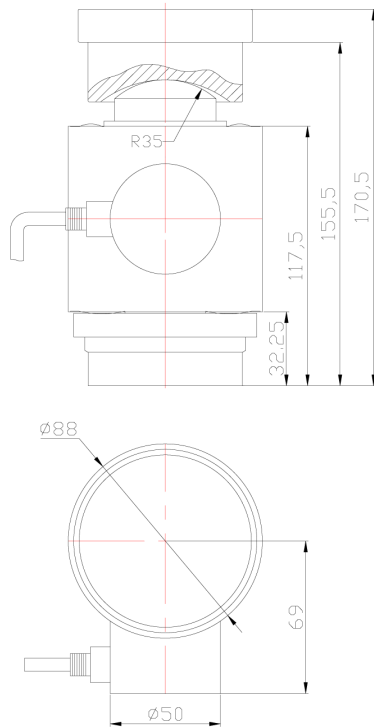


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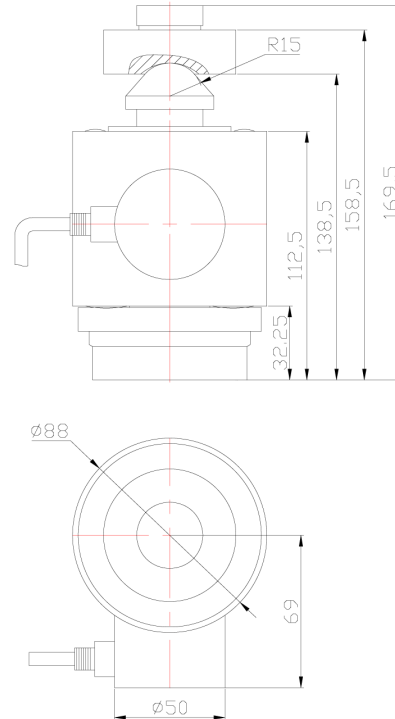


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50t



5~30t



Dimensions (mm)

Cable

6 Core, 6.2mm dia , Cable Length: 12m

Color Code

Exc+ Red, Exc- Black

Sig+ Green, Sig- White

Sense+ Blue, Sense- Yellow

Screen- Transparent

Specifications are subject to change without notice for improvement

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