

MT501H Load Cell



Features

- High Capacity S-type load cell
- Capacities 10t-30t
- Electroless Nickel plated
- Suitable for compression and tension applications
- Tool steel construction

Applications

- Suspended hoppers
- Overhead track scales
- Force measurement
- Crane Scale

Specifications

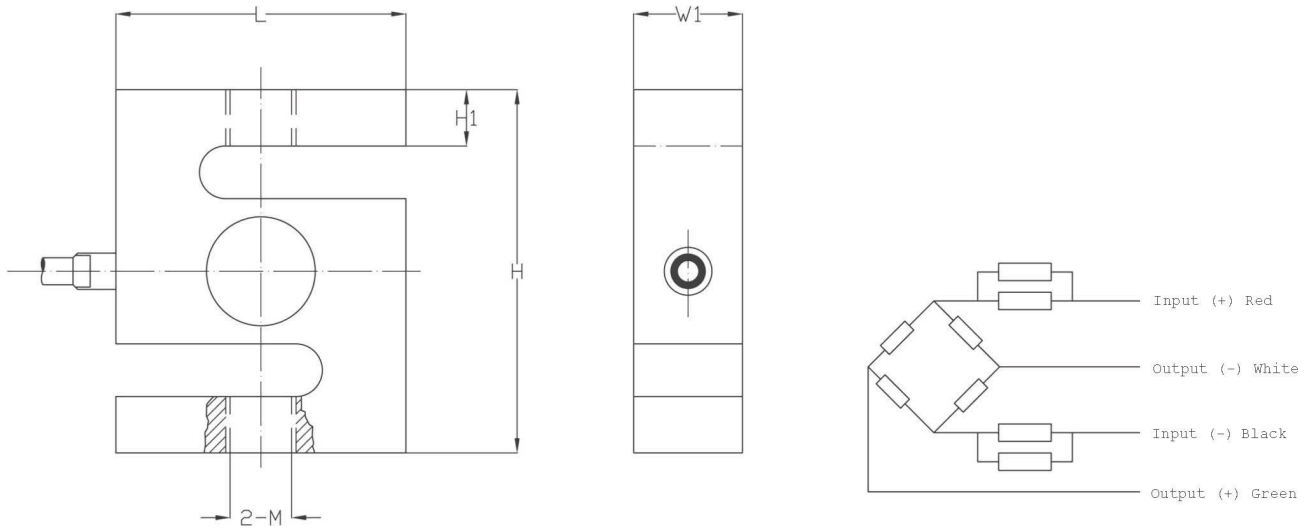
Capacity		10t, 15t, 20t & 30t
Combined Error	(%FS)	$\leq \pm 0.023$
Creep (30 minutes)	%FS/30min	$\leq \pm 0.020$
Temperature effect on sensitivity	(%FS/10C)	$\leq \pm 0.010$
Temperature effect on zero	(%FS/10C)	$\leq \pm 0.016$
Output sensitivity	(mv/v)	2.0 ± 0.005
Input resistance	(Ω)	350+/-5
Output resistance	(Ω)	350 +/-4
Insulation resistance	(M Ω)	≥ 5000 (50VDC)
Zero balance	(%FS)	2
Temperature, Compensated	($^{\circ}$ C)	-10 ~ +50
Temperature, Operating	($^{\circ}$ C)	-25 ~ +65
Excitation, Recommended	(V)	5 ~ 12(DC)
Excitation, Max	(V)	18(DC)
Safe overload	(%FS)	150
Ultimate overload	(%FS)	300



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Capacity (t)	L	H	H1	W1	M	Weight (kg)
10	125	175	40	50	M33*3	8
15 & 20	160	200	51	60	M42*3	14
30	190	230	57	80	M42*3	25

Dimensions (mm)

Cable

4 Core, 5.2 mm dia ,Cable Length: 6m

Color Code

Exc+ Red, Exc- Black

Sig+ Green, Sig- White

Screen- Transparent

Specifications are subject to change without notice for improvement

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