

MT711 Load Cell



<u>Features</u>	<u>Applications</u>
Washer Load cell	Process Control Devices
Stainless Steel Construction	Bolt testing
Ultra Low Profile	Rope tension
Capacities from 6t to 75t	Force Measurements
Easy to Install	Testing machines

Specifications

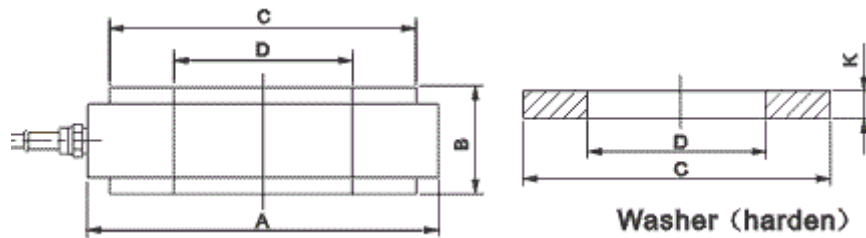
Capacity	t	6, 8, 12, 16, 35, 50, 75
Non-Linearity	(%FS)	≤±2
Creep (30 minutes)	%FS/30min	≤±0.2
Temperature effect on sensitivity	(%FS/10C)	≤±0.2
Temperature effect on zero	(%FS/10C)	≤±0.2
Output sensitivity	(mv/v)	1.5±0.5
Input resistance	(Ω)	750+/-30
Output resistance	(Ω)	700+/-5
Insulation resistance	(MΩ)	≥ 5000 (50VDC)
Zero balance	(%FS)	2.0
Temperature, Compensated	(°C)	-10~+50
Temperature, Operating	(°C)	-20~+60
Excitation, Recommended	(V)	5~12(DC)
Excitation, Max	(V)	18(DC)
Safe overload	(%FS)	150
Ultimate overload	(%FS)	300



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Each load cell will be supplied with two hardened washers for installing on top and bottom of MT711 load cell , to get best performance.

Capacity (t)	6t	8t	12t	16t	35t	50t	75t
Dim A	29	32	36	46	56	67	80
B	16	16	17	17	25	29	29
C	20	24	27	34	45	56	66
D	10.3	12.3	16.5	20.3	24.5	31	37
K	5	5	5	6	7	8	10

Dimensions (mm)

Cable

4 Core, 4.2 mm dia

Cable Length: 3 m

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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