

FEATURE

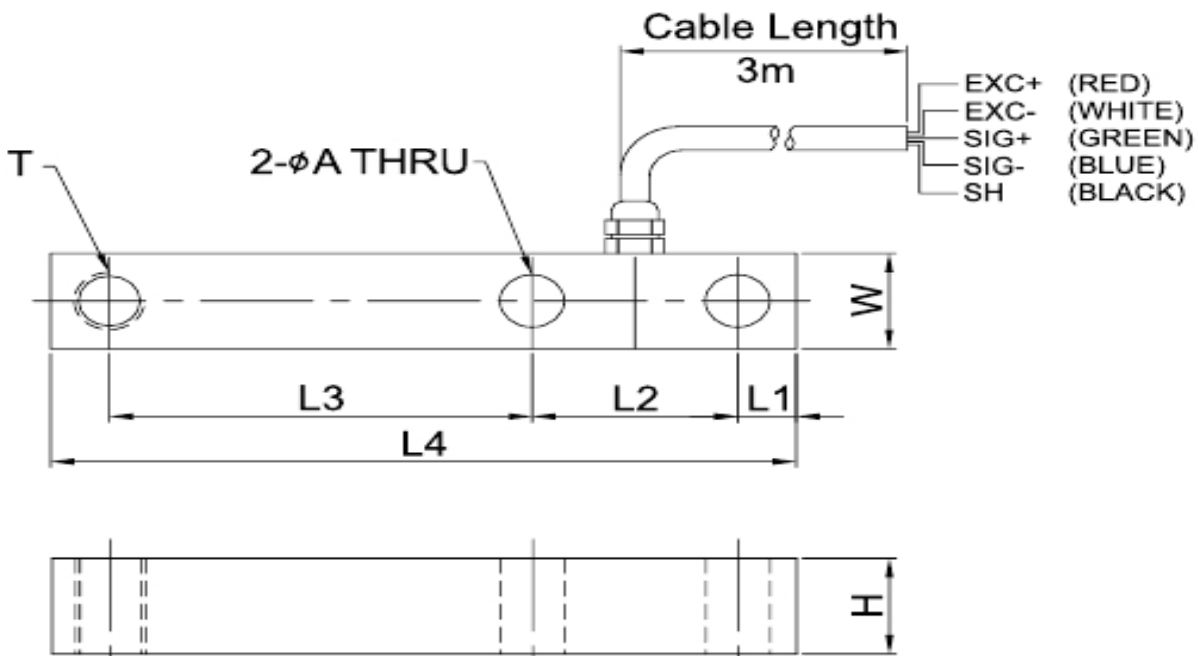
- . Slim shear beam load cell
- . Protection class : IP66

SPECIFICATION

MODEL	CBSM
Rated capacity (R.C.)	100, 250, 500kgf, 1tf
Rated output (R.O.)	2.0 ± 0.005 mV/V
Zero balance	0 ± 0.2 mV/V
Combined error	0.03% R.O.
Repeatability	0.015% R.O.
Creep for 30 min	0.03% R.O.
Temp. effect on zero value	0.03% / 10°C
Temp. effect on output value	0.015% / 10°C
Excitation recommended	10V DC
Excitation maximum	15V DC
Terminal resistance, input	400 ± 50Ω
Terminal resistance, output	350 ± 3.5Ω
Insulation resistance	>2000MΩ @ 50V DC
Compensated temperature range	-10 to +40°C
Operating temperature range	-20 to +70°C



- Mounting
Socket-head cap screw M10 × 1.5 (10.9)
Tightening torque : 29Nm
- Material
Nickel plated steel
- Cable
Braided Shield 4-wire round cable
with PVC-jacket



DIMENSION (mm)

Rated Capacity	φ A	T	H	W	L1	L2	L3	L4
100, 250kgf	11	M12 × 1.75	20	20	10	35	72	127
500kgf, 1tf	11	M12 × 1.75	24	20	10	35	72	127