

BCM

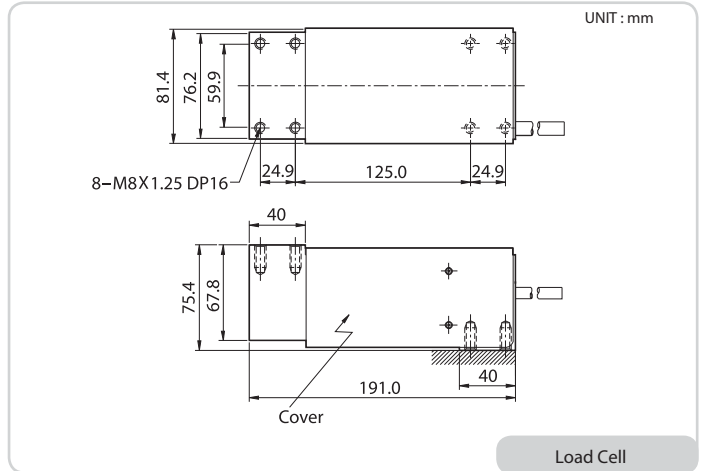
Single Point Load Cell, 50kgf-500kgf



LOAD CELL



DIMENSION



FEATURES

- OIML C3 approved (OIML R60)
- NTEP III 5,000S approved (handbook 44)
- Off center compensated (OIML R76)
- Protection Class IP65
- 6-wires connection

SPECIFICATION

Max. Capacity (Rated Load)	kgf	50, 75, 100, 150, 200, 300, 500, 750	
Rated Output	mV/V	2.0 ± 0.2	
Zero Balance	mV/V	0.0 ± 0.1	
Accuracy Class	-	D3	C3
Non-Linearity	%R.O.	0.03	0.02
Hysteresis	%R.O.	0.03	0.02
Combined Error	%R.O.	0.03	0.02
Repeatability	%R.O.	0.01	0.01
Creep for 30min.	%R.O.	0.03	0.017
Return for 30min.	%R.O.	0.03	0.017
Resolution	-	≤ 1/3000	≤ 1/5000
Division	mV/V	0.00067	0.0004
Temperature Effect on	-	-	-
Zero Value	%/10 °C	0.028	0.014
Output Value	%/10 °C	0.014	0.011
Excitation	-	-	
Recommended	V	10	
Maximum	V	15	
Resistance	-	-	
Input	Ω	400 ± 20	
Output	Ω	350 ± 3.5	
Insulation	MΩ	>2000	
Compensated Temperature Range	°C	-10 to +40	
Operating Temperature Range	°C	-20 to +70	
Material & Plate	-	Anodized Aluminum	
Cable Specification	-	ø5 x 4p x 3M (Urethane)	
Safety Overload	%R.L.	150%R.L.	
Platform Size	mm	600 x 600	