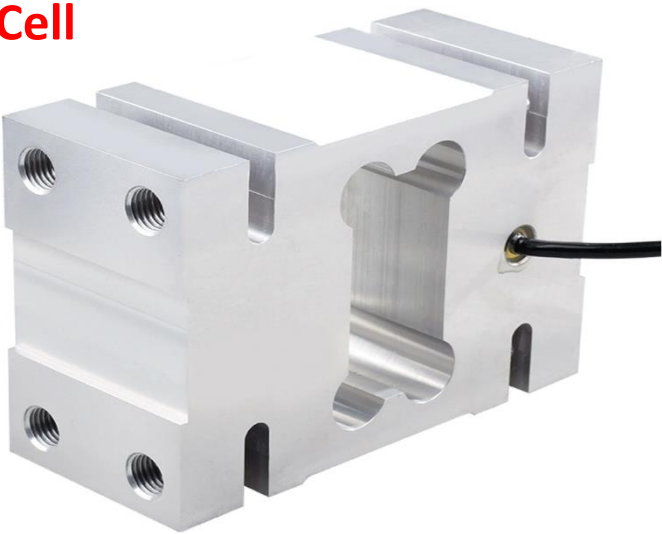


Type SPK Load Cell








Short Description

- Aluminium-alloy IP66 single point load cell
- Colorless anodized
- Suitable for pricing scales, bench scales, etc.
- Maximum platform size: 600 x 800 mm, 1200 x 1200 mm



Test certificate no. TC7868 Revision 1
C of C no R60/2000-NL1-12.52



Certificate no. 11-060

Available Models

P/N	Capacity	Accuracy	Full Article Description
72208880	250kg	C3	SPK-C3-250kg-3G
72208882	300kg	C3	SPK-C3-300kg-3G
72208884	500kg	C3	SPK-C3-500kg-3G
72208886	750kg	C3	SPK-C3-750kg-3G
72208888	1000kg	C3	SPK-C3-1000kg-3G
72208890	2000kg	C3	SPK-C3-2000kg-3G

Type SPK Load Cell

Technical Specifications SPK

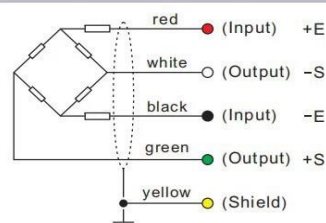
Accuracy Class		OIML R60 C3
Output Sensitivity (= FS)	mV/V	2.0 ± 0.2
Maximum Capacity (Emax)	kg	250, 300, 500, 750, 1000, 2000
Max. Number of Load Cell Intervals	n _{LC}	3000
Ratio of min. LC Verification Interval	Y = Emax / v _{min}	10000
Combined Error	%FS	≤ ± 0.0230
Minimum dead load	Of Emax	0%
Safe overload	of Emax	150 %
Ultimate overload	of Emax	300 %
Zero balance	of FS	< ± 2.0 %
Excitation, recommended voltage	V	5 ~ 12
Excitation maximum	V	18
Input resistance	Ω	406 ± 6
Output resistance	Ω	350 ± 3.5
Insulation resistance	MΩ	≥ 5000 (at 50VDC)
Compensated temperature	°C	-10 ~ +40
Operating temperature	°C	-35 ~ +65
Storage temperature	°C	-40 ~ +70
Element material		Aluminium
Ingress Protection (acc. to EN 60529)		IP66
Recommended torque on fixation bolts	Nm	M12: 75 M16: 200

Wiring

Features:

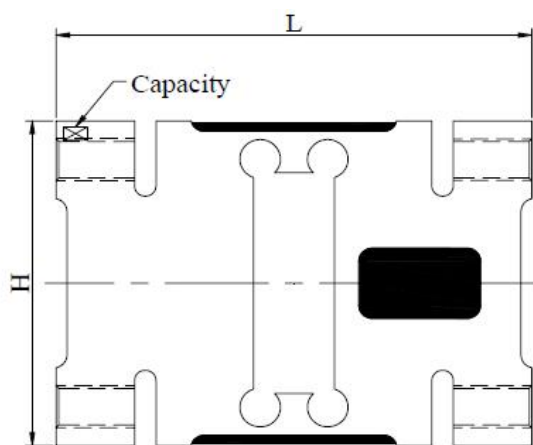
Shielded, 4 conductor cable.
Cable diameter: Ø5.3mm.
Standard cable length: 3m.
Shield connected to element.
Cable jacket in PVC.

Mode of Connection

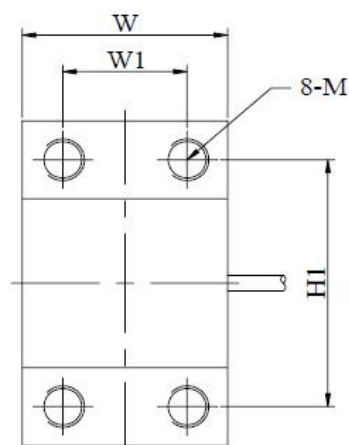


Type SPK Load Cell

Dimensions in mm

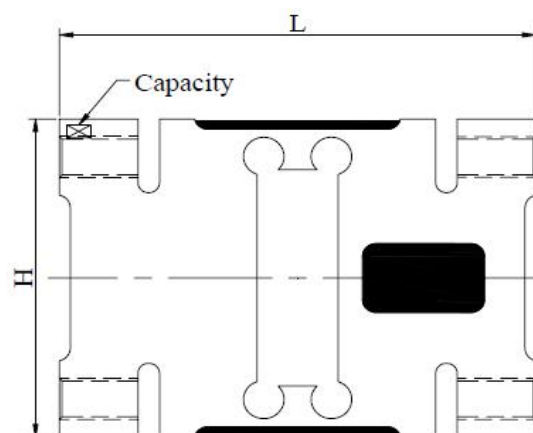


(Front View)

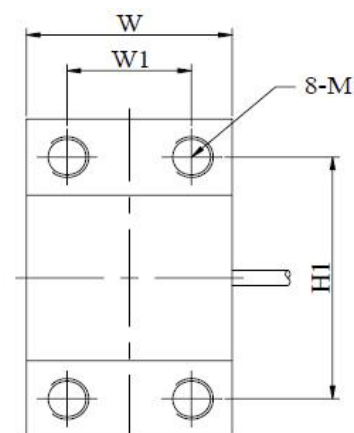


(Right View)

TYPE	Capacity(kg)	L	W	W1	H	H1	M	Recommended Platform Size
SPK	250~500	146	60	36	95	70	M12×1.75	600×800mm



(Front View)



(Right View)

TYPE	Capacity(kg)	L	W	W1	H	H1	M	Recommended Platform Size
SPK	750~2000	176	76	46	125	95	M16×2	1200×1200mm