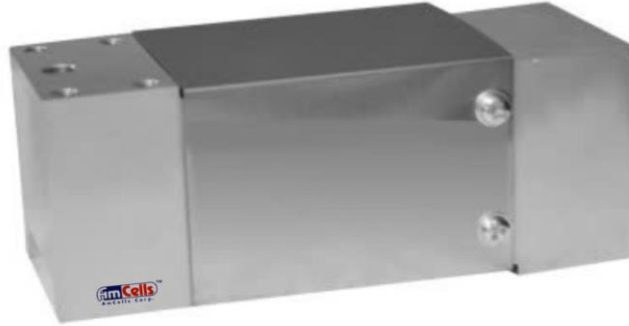


Type AM-1250 Load Cell



Short Description



- Aluminium-alloy IP67 single point load cell
- Colorless anodized
- Suitable for pricing scales, bench scales, etc.
- Maximum platform size: 1000 x 1000 mm
- A 1000 Ohm type available (R1) but is excluded from OIML



Test certificate no. TC7868 Revision 1
C of C no R60/2000-NL1-12.52
Certificate no. 11-090

Available Models

P/N	Capacity	Accuracy	Full Article Description
7220999123	100kg	C3	AM-1250-C3-100kg-3G
7220999124	200kg	C3	AM-1250-C3-200kg-3G
7220879125	300kg	C3	AM-1250-C3-300kg-3G
7220879126	500kg	C3	AM-1250-C3-500kg-3G
7220879127	635kg	C3	AM-1250-C3-635kg-3G
7220879128	1000kg	C3	AM-1250-C3-1000kg-3G

Type AM-1250 Load Cell

Technical Specifications AM-1250

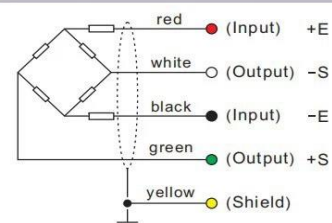
Accuracy Class		OIML R60 C3
Output Sensitivity (= FS)	mV/V	2.0 ± 0.2
Maximum Capacity (Emax)	kg	100, 200, 300, 500, 635,1000
Max. Number of Load Cell Intervals	nLc	3000
Ratio of min. LC Verification Interval	$Y = E_{max} / v_{min}$	10000
Combined Error	%FS	≤± 0.0230
Minimum dead load	Of Emax	0%
Safe 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	405 ± 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)		IP65
Recommended torque on fixation bolts	Nm	M8:10

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 AM-1250 Load Cell

Dimensions in mm

