

Type AM-1260 Load Cell



Short Description



- Aluminium-alloy IP65 single point load cell
- Colorless anodized
- Suitable for pricing scales, bench scales, etc.
- Maximum platform size: 600 x 800 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
72209990	30kg	C3/C4	AM-1260-C3/C4-30kg-3G
72209992	50kg	C3/C4	AM-1260-C3/C4-50kg-3G
72209994	75kg	C3/C4	AM-1260-C3/C4-75kg-3G
72209996	100kg	C3/C4	AM-1260-C3/C4-100kg-3G
72209998	150kg	C3/C4	AM-1260-C3/C4-150kg-3G
722099910	200kg	C3/C4	AM-1260-C3/C4-200kg-3G
722087912	250kg	C3/C4	AM-1260-C3/C4-250kg-3G
722087914	300kg	C3/C4	AM-1260-C3/C4-300kg-3G
722087916	500kg	C3/C4	AM-1260-C3/C4-500kg-3G
722087918	635kg	C3/C4	AM-1260-C3/C4-635kg-3G
722087920	750kg	C3/C4	AM-1260-C3/C4-750kg-3G
722087922	800kg	C3/C4	AM-1260-C3/C4-800kg-3G
722087924	1000kg	C3/C4	AM-1260-C3/C4-1000kg-3G



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Technical Specifications AM-1260

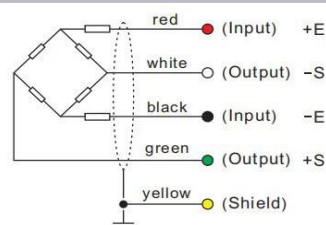
Accuracy Class		OIML R60 C3	OIML R60 C4
Output Sensitivity (= FS)	mV/V	2.0 ± 0.2	
Maximum Capacity (Emax)	kg	30, 50, 75, 100, 150, 200, 250, 300, 500, 635, 750, 800, 1000	
Max. Number of Load Cell Intervals	n/c	3000	4000
Ratio of min. LC Verification Interval	Y = Emax / vmin	10000	15000
Combined Error	%FS	≤± 0.0230	≤± 0.0175
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)		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



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Dimensions in mm

