

# L6F

## FEATURES

- Aluminium-alloy IP65 single point load cell.
- Colourless anodized
- Suitable for belt, pricing and platform scales
- Maximum platform size: for 50kg-200kg: 600 x 600 mm for 250kg-500kg: 600 x 800 mm for 750kg-2t: 1200 x 1200 mm



## AVAILABLE MODELS

Capacity	Accuracy	Full article description
50 kg	C3	L6F-C3-50kg-3B6
100 kg	C3	L6F-C3-100kg-3B6
150 kg	C3	L6F-C3-150kg-3B6
200 kg	C3	L6F-C3-200kg-3B6
250 kg	C3	L6F-C3-250kg-3B6
500 kg	C3	L6F-C3-500kg-3B6
750 kg	C3	L6F-C3-750kg-3B6
1000 kg	C3	L6F-C3-1000kg-3B6
2000 kg	C3	L6F-C3-2000kg-3B6

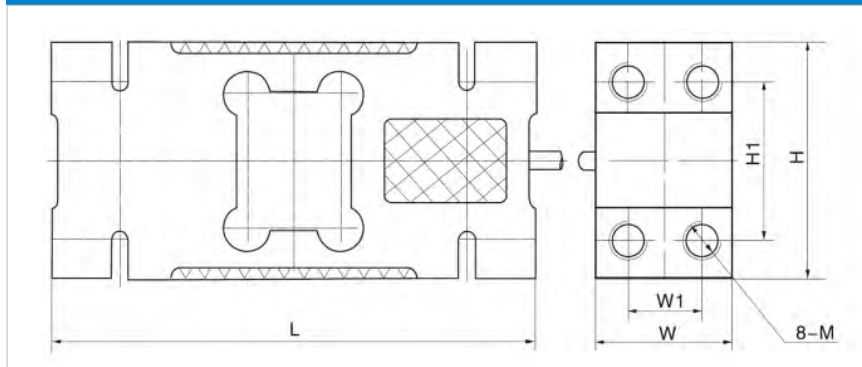


OIML test certificate no. D09-06.10  
C of C no R60/2000-CN1-06.01

## SPECIFICATION

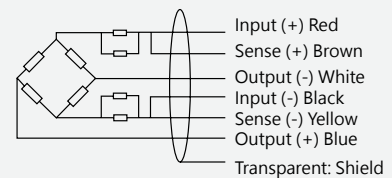
		OIML R60 C3
Accuracy class		2.0 ± 0.2
Output sensitivity (=FS)	mV/V	50/100/150/200/250/500/750/1000/2000
Maximum capacity (E <sub>max</sub> )	kg	3000
Maximum number of load cell intervals (nLC)		7000
Ratio of minimum LC verification interval Y=E <sub>max</sub> / V <sub>min</sub>		± 0.02
Combined error	%FS	0%
Minimum dead load	kg	120
Safe overload	%FS	150
Ultimate overload	%FS	± 2.0
Zero balance	%FS	5 ~ 12 (DC)
Excitation, recommended voltage	V	18 (DC)
Excitation maximum	V	406 ± 6
Input resistance	Ω	350 ± 3
Output resistance	Ω	≥ 5000 (50VDC)
Insulation resistance	MΩ	-10 ~ +40
Compensated temperature	°C	-35 ~ +65
Operating temperature	°C	-40 ~ +70
Storage temperature	°C	Aluminium
Element material		M12: 100 M16: 160
Recommended torque on fixation	N.m	IP65
Ingress protection (according to EN 60529)		

## DIMENSIONS IN MM



Capacity	Dimension	H	H1	L	W	W1	M
50~200kg, 250kgSE		75 (2.95)	50 (1.97)	156 (6.14)	44 (1.73)	24 (0.94)	M12Depth20
250~500kg, 250kgSE		95 (3.74)	70 (2.76)	146 (5.75)	60 (2.36)	36 (1.41)	M12Depth18
750~2000kg		125 (4.92)	95 (3.74)	176(6.93)	76 (2.99)	46 (1.81)	M16Depth20

## WIRING



- Shielded, 6 conductor cable
- Cable diameter: Φ6.2mm
- Standard cable length: 3m
- Shield is not connected to element.
- Cable jacket in PVC