

# Type L6Q Load Cell



## Shortdescription



- Aluminium Alloy IP65 single point load cell.
- Colourless anodized
- Suitable for single and double load cell structured platform scales
- Maximum platform size: 400x400mm



OIML test certificate no. D007.06 and  
TC7969 Revision 0  
C of C no R60/2000-11.22



Certificate no:1-104

## Available models

Capacity	Accuracy	Full article description
50kg	C3C4	L6Q-C3/C450kg3B6
100kg	C3C4/C5	L6Q-C3/C4/C5100kg3B6
150kg	C3C4/C5	L6Q-C3/C4/C5150kg3B6
200kg	C3C4/C5	L6Q-C3/C4/C5200kg3B6
250kg	C3C4/C5	L6Q-C3/C4/C5250kg3B6

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## Detailed specification

Accuracy class		OIML R60 C3	OIML R60 C4	OIML R60 C5
Output sensitivity ( = FS )	mV/V	2.0 ± 0.2		
Maximum capacity ( $E_{max}$ )	kg	50, 100, 150, 200, 250		100, 150, 200, 250
Max.number of load cell intervals	$n_{LC}$	3000	4000	5000
Ratio of min. LC verification interval	$Y = E_{max} / v_{min}$	10000	15000	20000
Combined Error	%FS	≤ ± 0.020	≤ ± 0.0175	≤ ± 0.0140
Minimum dead load	Of $E_{max}$	0%		
Safe overload	of $E_{max}$	150 %		
Ultimate overload	of $E_{max}$	300 %		
Zero balance	of FS	< ± 20 %		
Excitation, recommended voltage	V	5 ~ 12		
Excitationmaximum	V	18		
Input resistance	Ω	406 ± 6		
Output resistance	Ω	350 ± 3		
Insulationresistance	MΩ	≥ 5000 ( at 50VDC )		
Compensated temperature	°C	-10 ~ +40		
Operating temperature	°C	-20 ~ +50		
Storage temperature	°C	-40 ~ +70		
Element material		Aluminium		
Ingress Protection (acc. to EN 60529)		IP65		
Recommended torque on fixation	Nm	M6: 10		

## Wiring

### Wiring:

Shielded 6 conductor cable.

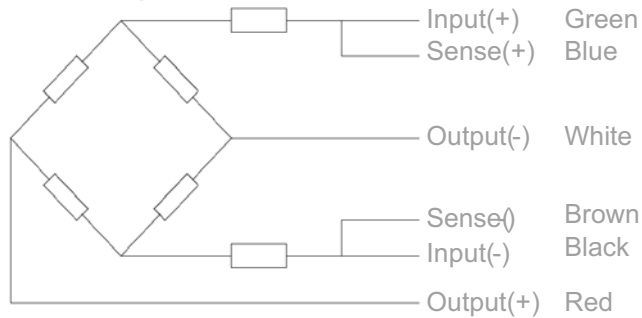
Cable diameter: Ø5mm.

Standard cable length: 2m.

Shield not connected to element

Cable jacket in PVC

### 6 wire diagram



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Dimensions in mm

