

Single Point Load Cell

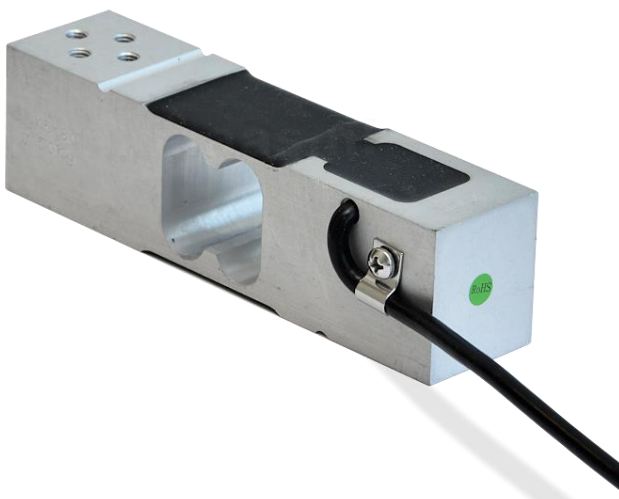
model **LA360-C**

Properties

- CE-verifiable capacities: 50, 100, 200, 300 kg
- version anodised aluminium
- protection class **IP 66**
- accuracy class **C3**
- for weighing platforms up to and included 400 x 400 mm

Technical Data

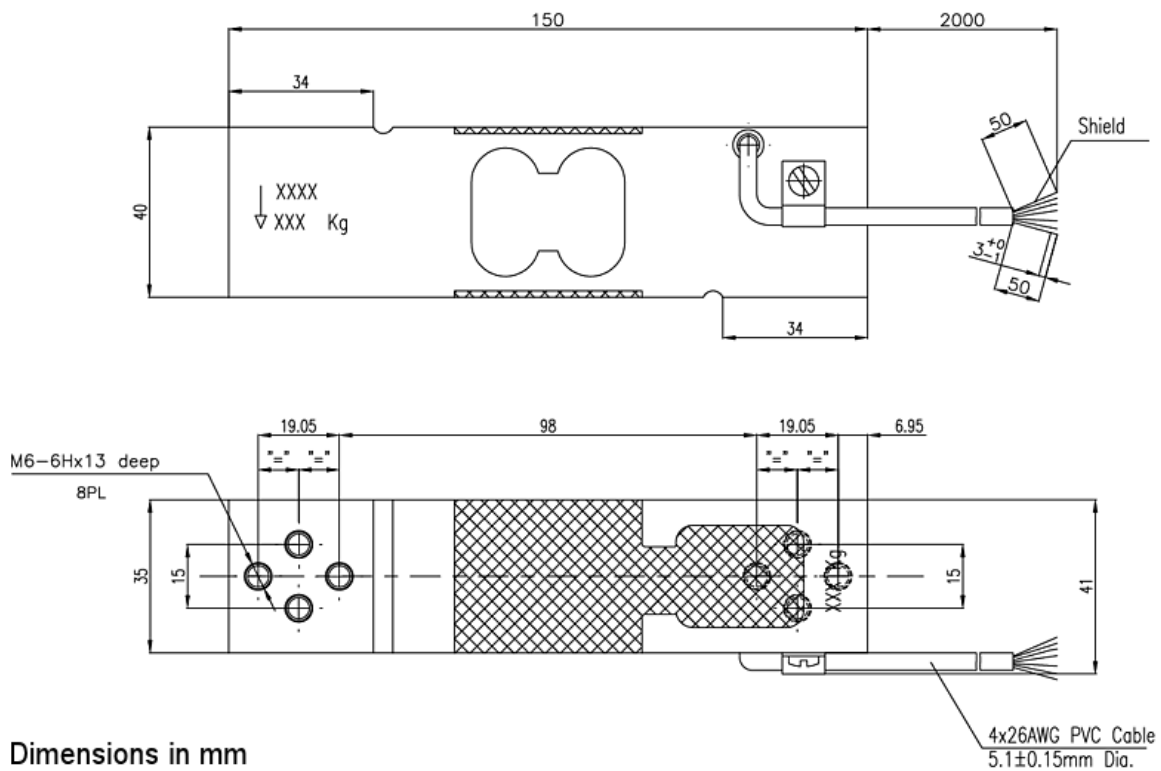
PARAMETER	UNIT	VALUE														
OIML Accuracy		C3														
Rated capacity (E^{max})	kg	50, 75, 100, 200, 300														
Sensitivity	mV/V	2.00														
Sensitivity tolerance	± mV/V	0.20														
Zero balance	± mV/V	0.10														
Maximum Number of Intervals		3000														
Y=E^{max}/V^{min}	Minimum	10000 (LA360-C-50, 100, 200, 300 kg) 15000 (LA360-C-Y-15000-75kg)														
Z=E^{max}/(2*DR)	Minimum	3000														
Eccentric loading error	±%/cm	0.0042														
Maximum platform size	cm	40x40														
Nominal temperature range	°C	-10 to +40														
Service temperature range	°C	-30 to +70														
Limit load	% of R.C.	150														
Break load	% of R.C.	300														
Nominal excitation	V	10														
Max. excitation	V	15														
Input impedance	Ohm	406 ± 15														
Output impedance	Ohm	350 ± 3														
Insulation resistance	MOhm	>2000														
Compensation circuit type		Balanced Bridge														
Cable length	Meter	3.0														
Cable type		6x26 AWG, Black PVC Jacket														
Color code		<table border="1"> <tr> <td>Yellow</td> <td>Shield</td> </tr> <tr> <td>Green</td> <td>Excitation +</td> </tr> <tr> <td>Black</td> <td>Excitation -</td> </tr> <tr> <td>Red</td> <td>Signal +</td> </tr> <tr> <td>White</td> <td>Signal -</td> </tr> <tr> <td>Blue</td> <td>Sense +</td> </tr> <tr> <td>Brown</td> <td>Sense -</td> </tr> </table>	Yellow	Shield	Green	Excitation +	Black	Excitation -	Red	Signal +	White	Signal -	Blue	Sense +	Brown	Sense -
Yellow	Shield															
Green	Excitation +															
Black	Excitation -															
Red	Signal +															
White	Signal -															
Blue	Sense +															
Brown	Sense -															
Construction		Anodised Aluminium Alloy														
Protection class to IEC529		IP 66														



Versions

type	LA360-C-50	LA360-C-100	LA360-C-200	LA360-C-300
capacity	50 kg	100 kg	200 kg	300 kg

Dimensions



Dimensions in mm

