

Single Point Load Cell

Model LA360-S is a low profile, high performance single point load cell designed for low cost platforms. Typical applications include retail, bench and counting scales.

model LA360-S

Properties

- capacities: 10, 20, 50, 75, 100, 200 kg
- CE-verifiable
- version anodised aluminium
- protection class IP 66
- accuracy class C3
- compatible with type 1042
- for weighing platforms up to and included 400 x 400 mm

Technical Data

PARAMETER	UNIT	VALUE
OIML Accuracy		C3
Rated capacity (E^{\max})	kg	10, 20, 50
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	6000
$Z=E^{\max}/(2*DR)$	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	Yellow	Shield
	Green	Excitation +
	Black	Excitation -
	Red	Signal +
	White	Signal -
	Blue	Sense +
	Brown	Sense -
Construction		Anodised Aluminum Alloy
Protection class to IEC529		IP 66

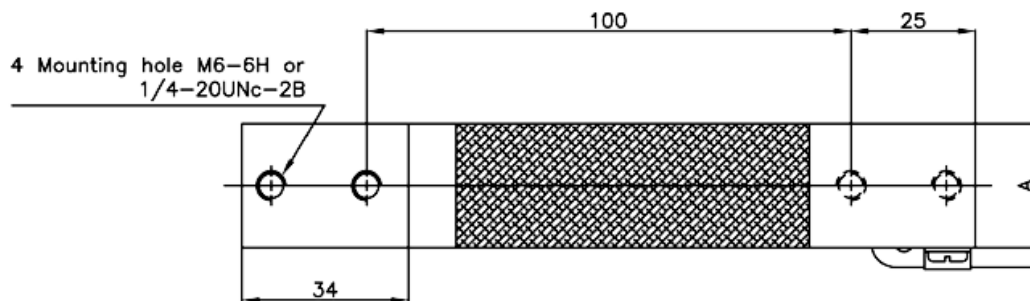
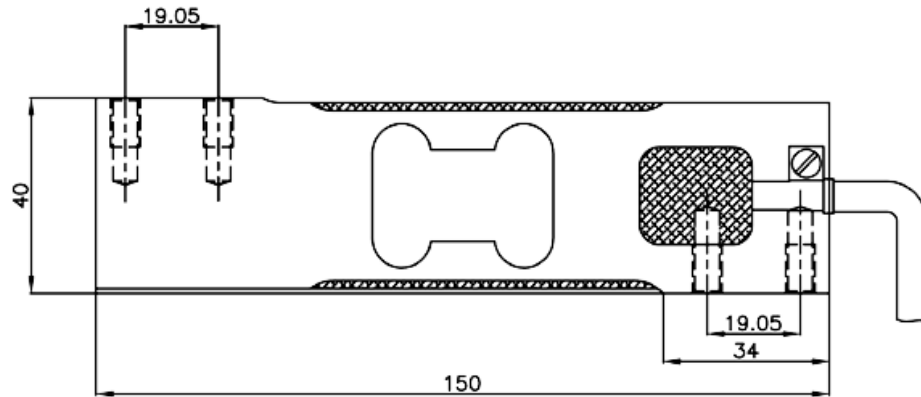


Type	LA360-S-10	LA360-S-20	LA360-S-50
Capacity	10 kg	20 kg	50 kg

Type	LA360-S-75	LA360-S-100	LA360-S-200
Capacity	75 kg	100 kg	200 kg



Dimensions in mm



Cap.	5, 10, 15, 20, 30	50, 75, 100
A	20.0	25.4

