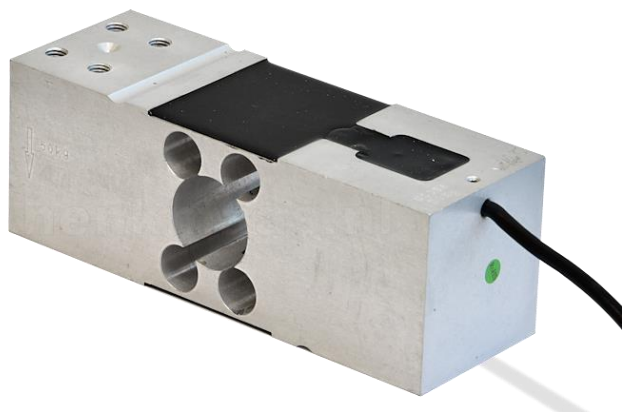
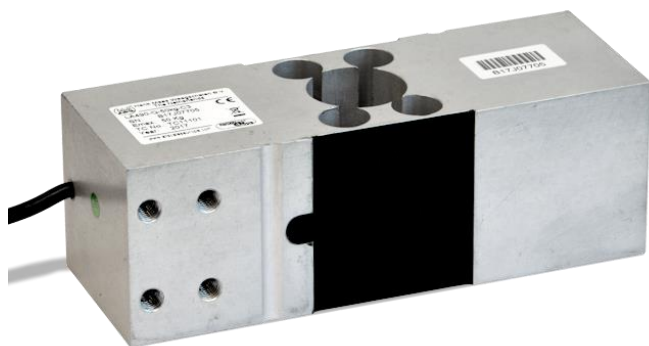
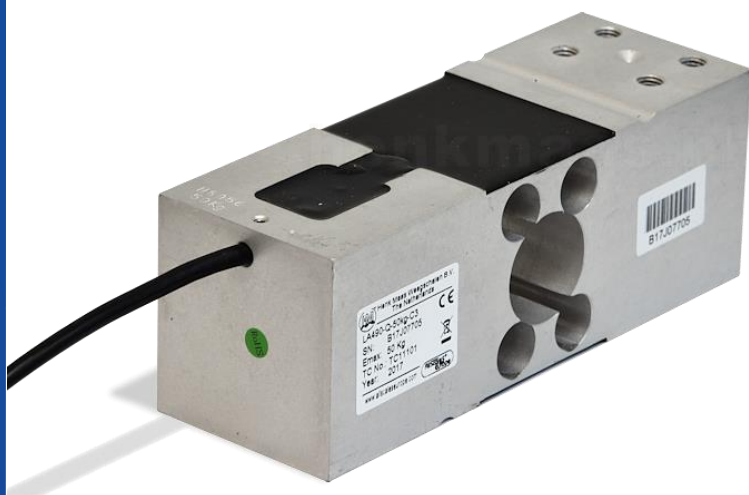


Single Point Load Cell

model LA490-Q



Properties

- capacities, CE-verifiable: 50, 75, 100, 150, 200, 500, 635 kg
- version aluminium
- protection class IP 66
- accuracy class C3
- for weighing platforms up to 600 x 600 mm
- can be used as a replacement for type 1263

Technical Data

PARAMETER	UNIT	VALUE
OIML Accuracy		C3
Rated capacity ($E^{\max}$)	kg	50, 75, 100, 150, 200, 500, 635
Sensitivity	mV/V	2.00
Sensitivity tolerance	± mV/V	0.20
Zero balance	± mV/V	0.10
$Y=E_{\max}/v_{\min}$	Minimum	10000 (LA490-Q-50, 100, 150, 200, 500, 635 kg) 15000 (LA490-Q-Y15000-75kg)
$Z=E_{\max}/(2 \cdot DR)$	Minimum	3000
Eccentric loading error	±%/cm	0.0042
Maximum platform size	cm	60×60
Nom. temperature range	°C	-10 to +40
Service temp. 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	kg	6×26 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



Versions

type	LA490-Q-50	LA490-Q-75	LA490-Q-100	LA490-Q-150	LA490-Q-200	LA490-Q-500	LA490-Q-600
capacity	50 kg	75 kg	100 kg	150 kg	200 kg	500 kg	635 kg

Dimensions

