

Shear beam load cell Mod. TS15

Shear beam load cells for weighing tanks, silos, hoppers, load control of cranes, winches, lifting systems, automation etc..

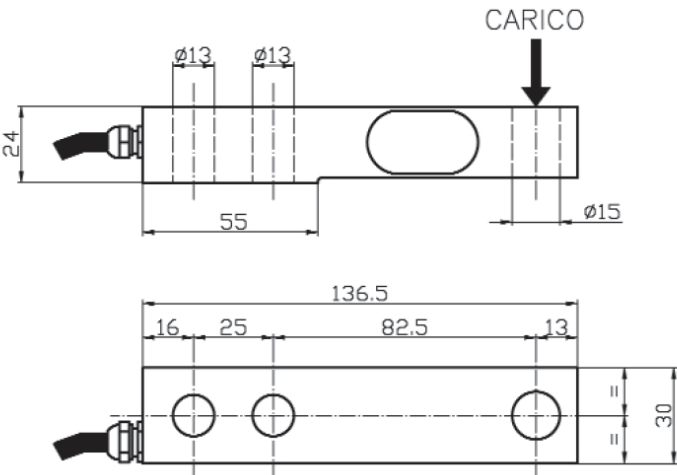
Shear beam load cell

Upon request with ATEX or IECEx certification



Technical Specifications

Material	Stainless steel
Nominal load	100, 150, 250, 300, 500, 750 kg
Limit load	150 % F.S.
Breaking load	300 % F.S.
Supply voltage	Vcc 15 Max
Output	2 mV/V
Output tollerance	0,1 % F.S.
Zero tollerance	1 % F.S.
Linearity	0,03 % F.S.
Hysteresis	0,03 % F.S.
Reapeatability	0,03 % F.S.
Input resistance	350-360 ohm
Output resistance	350-353 ohm
Insulation resistance	>= 2000 Mohm
Creep (30 Minutes)	0,03 % F.S.
Thermal compensation	-10 / +40°C (14 / +104°F)
Operating temperature	-20 / +70°C (-4° / +158°F)
Temperature deviation zero	0,003 % F.S. / °C
Temperature deviation full scale	0,002 % F.S. / °C
Protection class	IP 67
Standard cable length	10 m 6 x 0,30 (shield not connected to the load cell body)
ATEX Certification	
IECEx Certification	



Connections

SHIELDED CABLE 6C R7 PUR 6X0,35	
Length	10 m (body lead cell not connected shield)
Red	+ IN
Blue	- IN
White	+ REF
Black	- REF
Yellow	+ OUT
Green	- OUT