

Bending beam load cell Mod. GS-2

Bending beam load cells for weighing platforms, hoppers, tanks, etc. of low and medium capacity

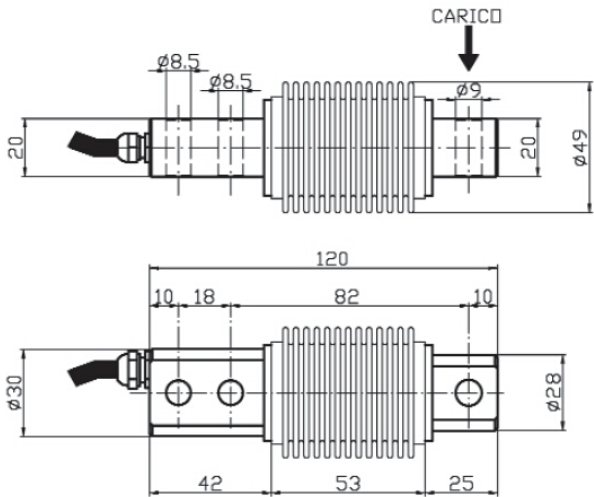
Bending beam load cell

C3 and C4 OIML Homologated from 40 kg to 200 kg



Technical Specifications

Material	Stainless steel
Nominal load	5, 10, 15, 25, 50, 100, 150, 200, 250, 300, 500 kg
Limit load	150 % F.S.
Breaking load	300 % F.S.
Supply voltage	Vcc 15 Max
Output	2 mV/V
Output tolerance	0,1 % F.S.
Zero tolerance	1 % F.S.
Linearity	0,03 % F.S.
Hysteresis	0,03 % F.S.
Reapeatability	0,03 % F.S.
Input resistance	380-386 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	5 m 6 x 0,30 (shield not connected to the load cell body)
ATEX Certification	
OIML Certification	
Analog Output	



Connections

SHIELDED CABLE 6C R6 PVC 6X0,30	
Length	5 m (body lead cell not connected shield)
Red	+ IN
Black	- IN
Yellow	+ REF
Blue	- REF
Green	+ OUT
White	- OUT