transdutec
load cells

GS-2i

10 » 300kg CAPACITY

BENDING BEAM LOAD CELL

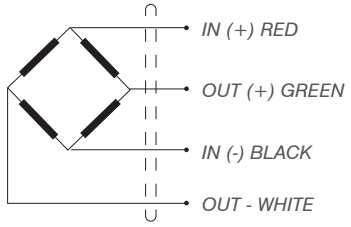
M 68 C E OIML C4

APPLICATIONS

Hybrid scales.
Fully electronic scales.
Silos – Hopper weighing – Tanks.
Platforms 4 load cells.
Industrial enviroments.

FEATURES

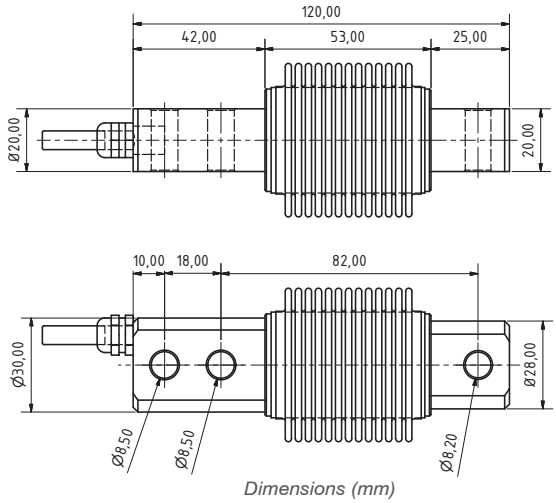
Bending beam load cell.
Fully stainless steel construction.
4000 divisions OIML R60 Class C.
Hermetically sealed by laser welding.
Protected against humidity IP68 (EN60529).



C E 3000d OIML Certificate No.TC: E-15.02.C01

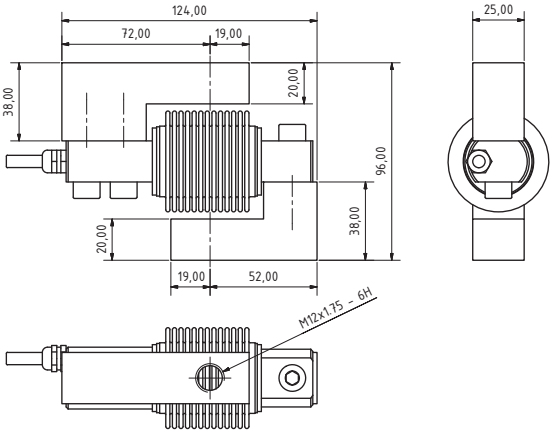
SPECIFICATIONS

Nominal capacities (LN)	**10-15-30-50-75-100-150-200-300 kg**
Accuracy class	**4000 n. OIML**
Minimum dead load	**0 %Ln**
Service load	**150 %Ln**
Safe load limit	**200 %Ln**
Maximum combined error	**<±0.013 %Sn**
Repeatability error	**<±0.01 %Sn**
Temperature effect: On cero on sensitivity	**<±0.01 %Sn/5ºC** **<±0.006 %Sn/5ºC**
Creep error	**<±0.012 %Sn**
Temperature compensation	**-10..40 ºC**
Temperature limits	**-20..50 ºC**
Nominal sensitivity	**2±0.1% mV/V (2)**
Nominal input voltage	**10 V**
Maximum input voltage	**15 V**
Input impedance	**386Ω±2%**
Output impedance	**350±3Ω**
No load output (SN)	**< ±2 %Sn**
Insulation resistance	**> 5000 MΩ**
Maximum deflection	**0.2-0.4 mm**
Cable length	**5 m**



Dimensions (mm)

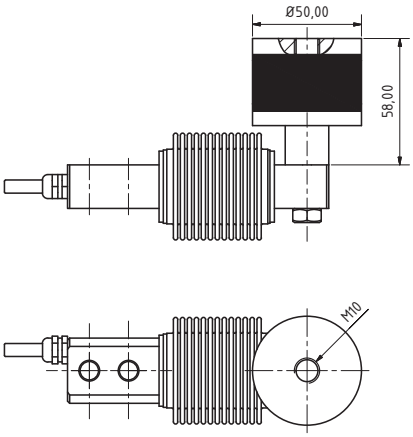
Reference		Nominal capacities - Ln (kg)	Accuracy class n. OIML	y = emax / vmin	#Code
GS-2i/10	M	10	C4	10000	710080
GS-2i/15	M	15	C4	10000	710081
GS-2i/30	M	30	C4	10000	710082
GS-2i/50		50	C4	10000	710083
GS-2i/75		75	C4	10000	710084
GS-2i/100		100	C4	10000	710085
GS-2i/150		150	C4	10000	710086
GS-2i/200		200	C4	10000	710087
GS-2i/250	M	250	C4	10000	710088
GS-2/300	M	300	C4	10000	710089



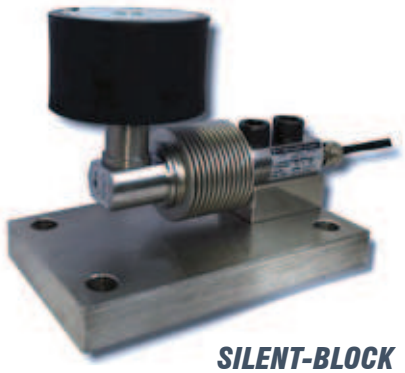
Dimensions (mm)

TENSION ACCESSORY

Ref.	Description	Nominal capacities (kg)	#Code
PGS-2A M12	Accessory for traction M12	15-300	510071
RTSCM-12	Rod end bearing M12		510060

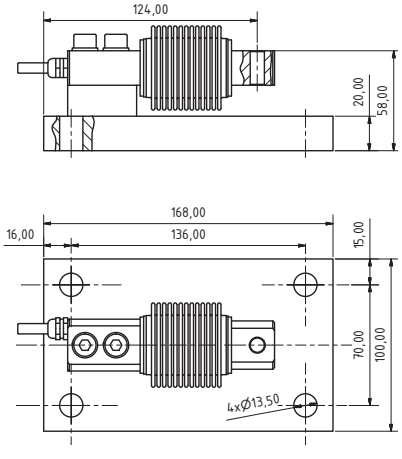


Dimensions (mm)



SILENT-BLOCK

Ref.	Description	#Code
SGS-2I	Silent Block	510073



Dimensions (mm)

BASE PLATE

Ref.	Description	#Code
BGS-2	Base plate. Zinc plated steel	510097
BGS-2i	Base plate stainless. Stainless steel	510093