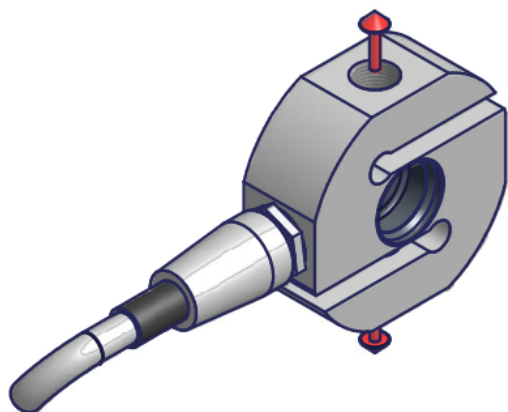


SX

Tension load cell

1. Product description

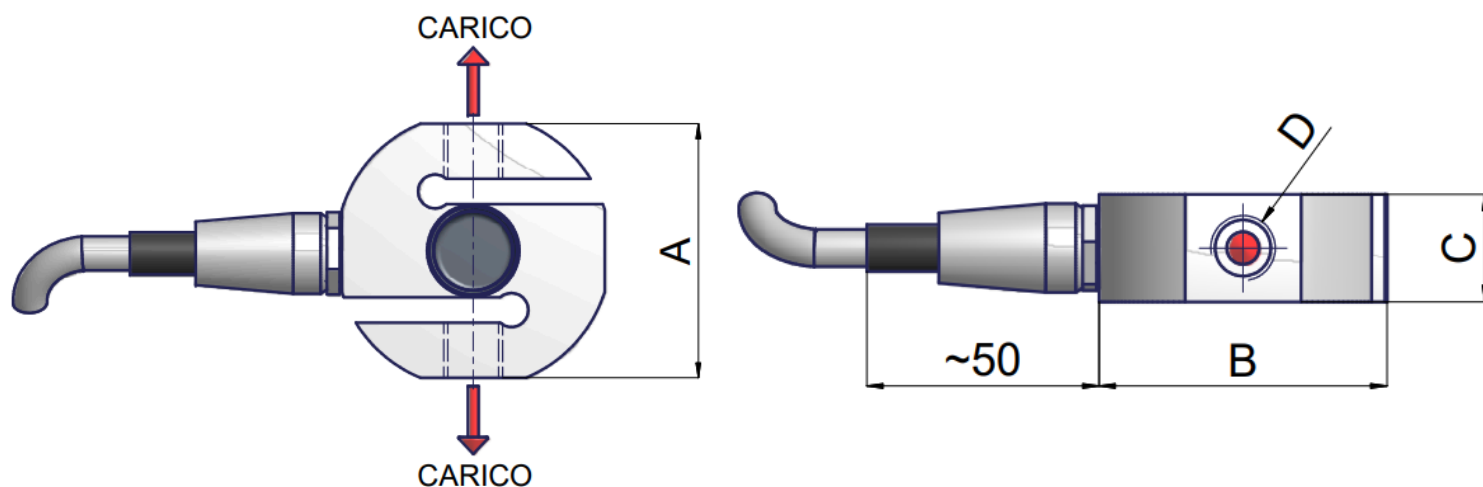


- 1 Capacities from 150 kg to 15000 kg
- 2 Stainless steel construction
- 3 Protection IP67 (EN 60529)
- 4 High accuracy
- 5 Complies with OIML R60 regulations up to 3000d
- 6 On request ATEX e IECEx version

2. Applications

The tension load cell Mod. SX are mainly used in particular aggressive atmosphere setting. They are right for batching system for industrial products, weighing system for hopper, tank, etc. It's possible compression use.

3. Dimensions (mm.)



Portata kg	A	B	C	D	E	Std	OIML	ATEX
150 - 200 - 300 - 500 kg	60	62	23	M 12 x 1,75	65	✓		✓
500 - 1000 - 1500 - 2000 - 2500 kg	75	75	32	M 16 x 2,00	79	✓	✓	✓
750 kg	75	75	32	M 16 x 2,00	79	✓		✓
3000 - 5000 kg	120	100	40	M 24 x 2,00	126	✓	✓	✓
7500 - 10000 kg	163	167	50	M 30 x 2,00	168	✓	✓	✓
15000 kg	163	167	55	M 36 x 2,00	168	✓	✓	✓

SX

Tension load cell

4. Product features

Accuracy class	Standard	OIML C3
Capacities fs (Emax)	150÷15000 kg	500÷15000 kg
Rated output (Cn)	2 mV/V ± 0,1%	2 mV/V ± 0,1%
Y = Emax/Vmin	//	15000
Nominal excitation range	5 ÷ 10V	5 ÷ 10V
Maximum excitation	15V	15V
Zero balance output	± 0,02 mV/V	± 0,02 mV/V
Input resistance	400 ± 25 Ω	400 ± 25 Ω
Output resistance	350 ± 2 Ω	350 ± 2 Ω
Insulation resistance	> 5 GΩ	> 5 GΩ
Combined error	<± 0,025% fs	<± 0,022% fs
Non repeatability	<± 0,015% fs	<± 0,008% fs
Creep 30 min.	<± 0,030% fs	<± 0,024% fs
Temperature effect on zero balance (5°C)	<± 0,02% fs	<± 0,018% fs
Temperature effect on rated output (5°C)	<± 0,008% fs	<± 0,0025% fs
Compensated temperature range	-10°C ÷ +40°C	-10°C ÷ +40°C
Operating temperature range	-15°C ÷ +70°C	-15°C ÷ +70°C
Maximum safe load	150% fs	150% fs
Ultimate load	>300% fs	>300% fs
Protection class (EN60529)	IP67	IP67
Material	Acciaio Inox	Acciaio Inox
Weight	~ 0,6 ÷ 8 kg	~ 0,6 ÷ 8 kg
Cable lenght 150÷2500 kg	5m - 6 x 0,14 mm ²	5m - 6 x 0,14 mm ²
Cable lenght 3000÷10000 kg	5m - 6 x 0,35 mm ²	5m - 6 x 0,35 mm ²
OIML R60 test certificate number	//	E - 00.02.C02

5. Wire diagram

