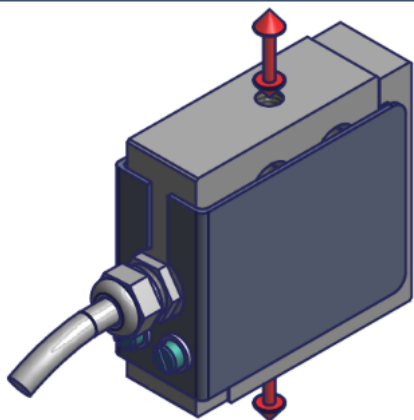


SU

Tension load cell

1. Product description

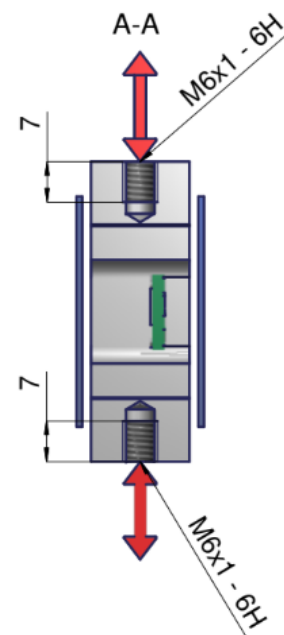
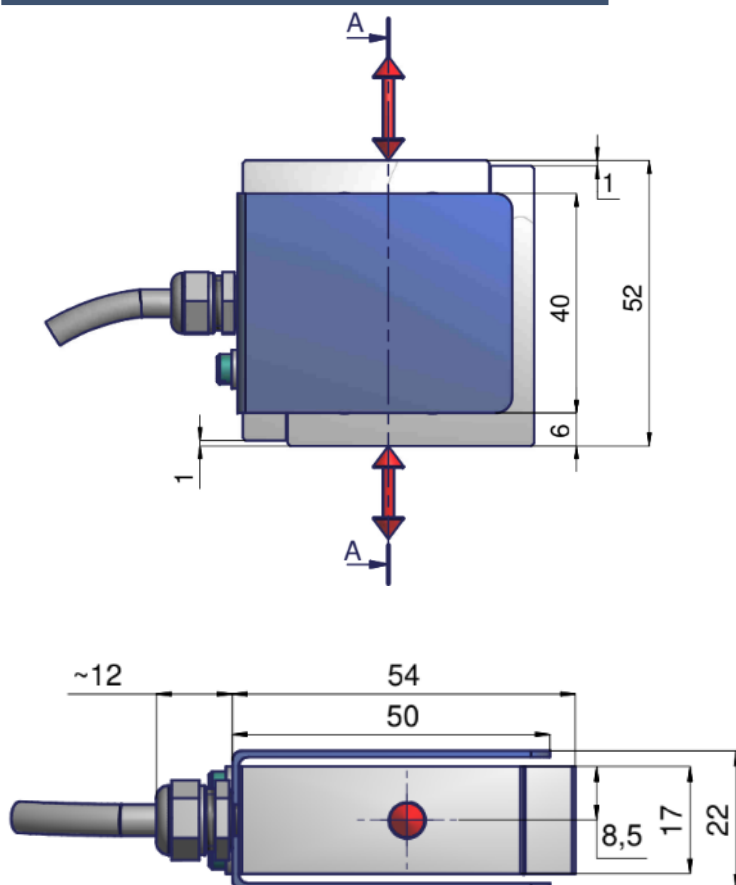


- 1 Capacities from 2 kg to 50 kg
- 2 Aluminium construction
- 3 Protection IP60 (EN 60529)
- 4 High accuracy
- 5 On request ATEX zona 22 version

2. Applications

Tension load cells mod. SU are mainly used in applications which need to measure the tension. It's possible compression use.

3. Dimensions (mm.)



Portata kg	Std	OIML	ATEX
2 kg	✓		✓
5 kg	✓		✓
10 kg	✓		✓
20 kg	✓		✓
50 kg	✓		✓

SU

Tension load cell

4. Product features

Accuracy class	Standard
Capacities fs (Emax)	2 ÷ 50 kg
Rated output (Cn)	2 mV/V ± 0,1%
Nominal excitation range	5 ÷ 10V
Maximum excitation	15V
Zero balance output	± 0,02 mV/V
Input resistance	400 ± 25 Ω
Output resistance	350 ± 2 Ω
Insulation resistance	> 5 GΩ
Combined error	<± 0,050% fs
Non repeatability	<± 0,015% fs
Creep 30 min.	<± 0,030% fs
Temperature effect on zero balance (5°C)	<± 0,02% fs
Temperature effect on rated output (5°C)	<± 0,008% fs
Compensated temperature range	-10°C ÷ +40°C
Operating temperature range	-15°C ÷ +70°C
Maximum safe load	120% fs
Ultimate load	>300% fs
Protection class (EN60529)	IP60
Material	Aluminium
Weight	~ 0,3 kg
Cable lenght	5m - 6 x 0,14 mm ²

5. Wire diagram

