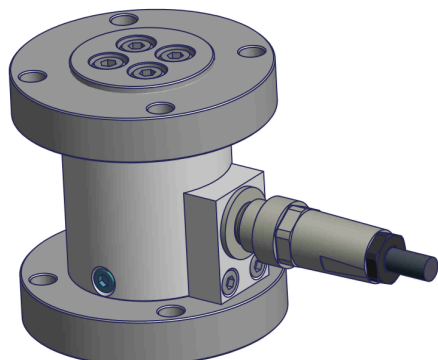


FLANGE TORQUE TRANSMITTER

Torque load cell

1. Product description

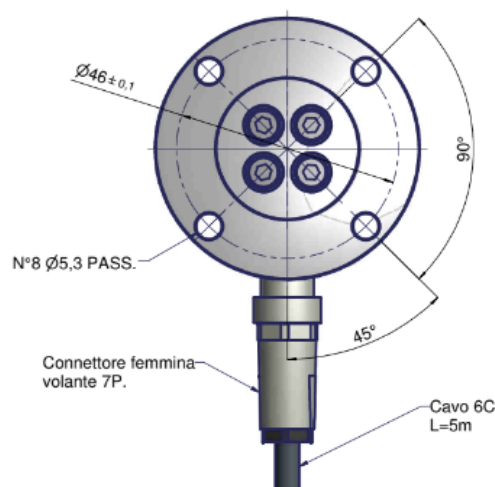
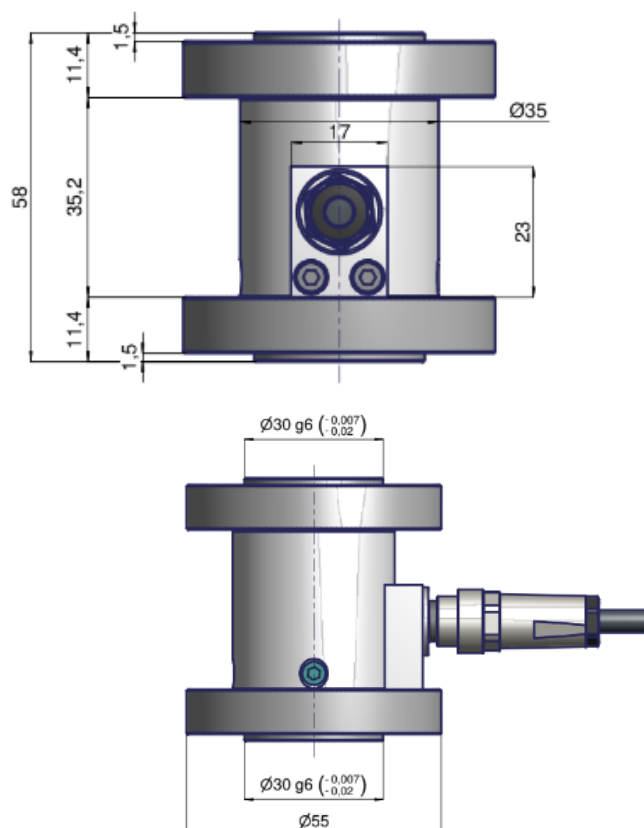


- 1 Capacities from 1 Nm to 10 Nm
- 2 Load cell and safe-keeping in aluminium construction
- 3 Protection IP64 (EN 60529)
- 4 High accuracy
- 5 On request ATEX zona 22 version

2. Applications

Flange static torque transmitters are devices created for the reaction wrench rilevation. Made in aluminium, with capacity from 1 Nm to 10 Nm, they are the ideal solution for monitoring of torque developed by a motor or dissipated by a shock absorber, to prevent the rotation of their structure.

3. Dimensions (mm.)



Portata kN	Std	OIML	ATEX
1 Nm	✓		✓
2 Nm	✓		✓
5 Nm	✓		✓
10 Nm	✓		✓

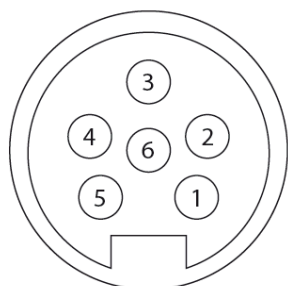
FLANGE TORQUE TRANSMITTER

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4. Product features

Accuracy class	Standard
Capacities fs (E _{max})	1 ÷ 10 Nm
Rated output (C _n)	1 mV/V ± 0,5%
Nominal excitation range	5 ÷ 10V
Maximum excitation	15V
Zero balance output	± 1% fs
Input resistance	400 ± 25 Ω
Output resistance	350 ± 2 Ω
Insulation resistance	> 5 GΩ
Combined error	<± 0,2% fs
Non repeatability	<± 0,2% fs
Temperature effect on zero balance (5°C)	<± 0,02% fs
Temperature effect on rated output (5°C)	<± 0,02% fs
Compensated temperature range	-10°C ÷ +40°C
Operating temperature range	-15°C ÷ +70°C
Maximum safe load	150% fs
Ultimate load	>200/300% fs
Protection class (EN60529)	IP64
Material	Aluminium
Safe-keeping Material	Aluminium
Cable lenght	5m - 6 x 0,14 mm ²

5. Connector connections



- 1) + Signal (yellow)
- 2) - Signal (green)
- 3) + Excitation (red+white)
- 4) - Excitation (blue+black)