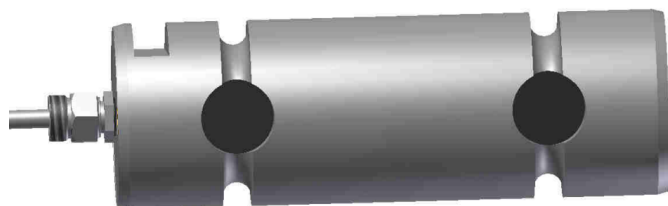


PI

Pin load cell

1. Product description

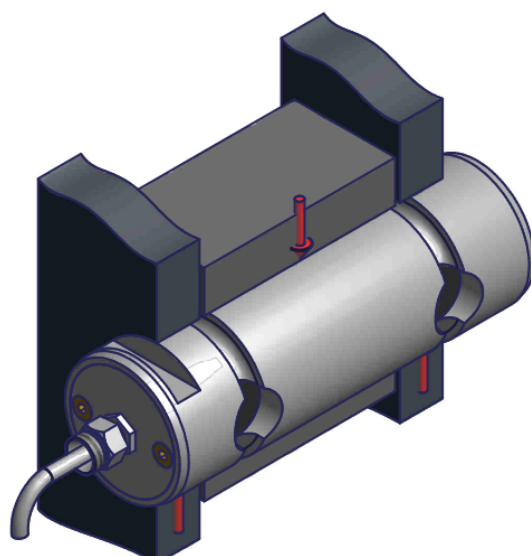
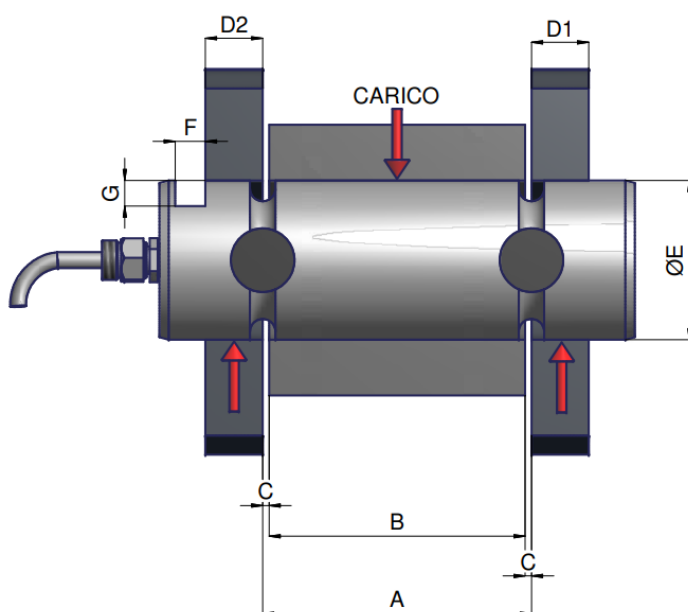


- 1 Capacities from 0,5 t to 1.300 t
- 2 Steel and Stainless steel construction
- 3 Protection IP65 - IP67 (EN 60529)
- 4 High accuracy
- 5 On request ATEX and IECEx version
- 6 On request amplified version 0-10V / 4-20 mA / CANopen

2. Applications

Pin load cells mod. PI are a great family cell and they are mainly used as load control in weight lifting systems like cranes, pulleys etc

3. Dimensions (mm.)



PI

Pin load cell

4. Product features

Accuracy class	Standard
Capacities fs (Emax)	0,5 ÷ 1.300 t
Rated output (Cn)	0,5 ÷ 1,5 mV/V ± 0,1%
Nominal excitation range	5 ÷ 10V
Maximum excitation	15V
Zero balance output	± 1% fs
Input resistance	400/750 ± 25 Ω
Output resistance	350/700 ± 2 Ω
Insulation resistance	> 5 GΩ
Combined error	<± 0,5% -1% fs a seconda dei modelli
Non repeatability	<± 0,05% fs
Creep 30 min.	<± 0,1% fs
Temperature effect on zero balance (5°C)	<± 0,02% fs
Temperature effect on rated output (5°C)	<± 0,01% fs
Compensated temperature range	-10°C ÷ +40°C
Operating temperature range	-20°C ÷ +70°C
Maximum safe load	200% fs
Ultimate load	>500% fs
Protection class (EN60529)	IP65 - IP67
Material	Steel - Stainless steel
Cable lenght	5m - 6 x 0,14 mm ² / 0,35 mm ²

5. Wire diagram

