



- Outer diameter 45 mm
- Made of stainless steel
- Electrical connection with 4xAWG24 1.5 m shielded cable

On request:

- Special finishes and materials
- Load cell amplifier (to be ordered separately): BPE «ADS-200 MkII» series

*Typical fields of application: Normally used to measure the load in winches and generic mobile machines*

**Note: the user/installer is responsible for evaluating the values and, thus, the safety of the application**



Output Sensitivity



Protection Grade IP67



Single channel

### Technical data

Power supply	from 0 to 15 V <sub>DC</sub>
Output	2.0 mV/V
Nominal load	2750 / 6000 daN
Linearity, repeatability, hysteresis	± 1% FS
Zero offset	± 1% FS
FS and zero temperature coefficient	0.008 <sup>(1)</sup> %FS / °C
Insulation	> 5 GΩ @ 15 V <sub>DC</sub>
Input and output resistance	350 Ω
Safe overload	150%
Ultimate load	300%
Operating temperature	from -20 to +70°C
Maximum weight	0.2 kg
Housing material	stainless steel
Standard protection grade	IP67
CE conformity	EMC Directive: 2014/30/EU
EMC: Immunity   Emission	EN 61000-6-2   EN 61000-6-3
Maximum number of mechanical cycles	1x10 <sup>6</sup> cycles

<sup>(1)</sup> Between -10 °C and +40 °C

### Ordering Code

TC45	02750	S	H16	2	NOT	L01500	NOT	CCF
Transducer type	Nominal load	Channels	Height	Housing material	Cable gland	Cable length	Custom configuration	Electrical connection

Nominal load	<table border="1"> <tr><td>0</td><td>2</td><td>7</td><td>5</td><td>0</td></tr> <tr><td>0</td><td>6</td><td>0</td><td>0</td><td>0</td></tr> </table>	0	2	7	5	0	0	6	0	0	0	<input type="text" value="2750 daN"/> <input type="text" value="6000 daN"/>
0	2	7	5	0								
0	6	0	0	0								
Channels	<input type="text" value="S"/>	<input type="text" value="Single channel"/>										
Height	<input type="text" value="H 1 6"/>	<input type="text" value="16.0 mm"/>										
Housing material	<input type="text" value="2"/>	<input type="text" value="Stainless steel"/>										
Cable gland	<input type="text" value="N O T _"/>	<input type="text" value="Without cable gland"/>										
Cable length	<input type="text" value="L 0 1 5 0 0"/>	<input type="text" value="1.5 m standard cable length"/>										
Custom configuration	<input type="text" value="N O T"/>	<input type="text" value="Not amplified signal"/>										
Electrical connection	<input type="text" value="c a b"/>	<input type="text" value="Electrical wiring harness code (see on the right)"/>										

Electrical connections	
Code: CCF	single channel
Red	: Positive Supply
Black	: Negative Supply
Yellow or Green	: Signal -
White	: Signal +
Shield	: Not connected

Custom configurations are available on request.

### Dimensions [mm]

