

- Made of or stainless steel
- Double channel version suitable for PL d (EN13849-1) systems
- Electrical connection with two 6xAWG24 5.0 m shielded cables

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 an aerial basket/work platform cages and generic mobile machines*

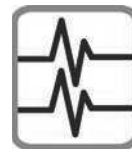
**Note: the user/installer is responsible for evaluating the values and, thus, the safety of the application**



Output Sensitivity



Protection Grade IP67



Double channel

### Technical data

Power supply	from 0 to 15 V <sub>DC</sub>
Output	2.0 mV/V
Nominal load	2500 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	1.2 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

	TR 1	02500	D	M12	S1	2	2M8	L5000	NOT	CCA
	Transducer type	Nominal load	Channels	Fixing holes	Size	Housing material	Cable gland	Cable length	Custom configuration	Electrical connection
Nominal load	0	2	5	0	0	2500 daN				
Channels	D					Double channel				
Fixing holes	M 1 2					Fixing holes with M12 thread				
Size	S 1					Standard size				
Housing material	2					Stainless steel				
Cable gland	2 M 8 _					With two M8 cable gland				
Cable length	L 0 5 0 0 0					5.0 m standard cable length				
Custom configuration	N O T					Not amplified signal				
Electrical connection	c a b					Electrical wiring harness code (see on the right)				

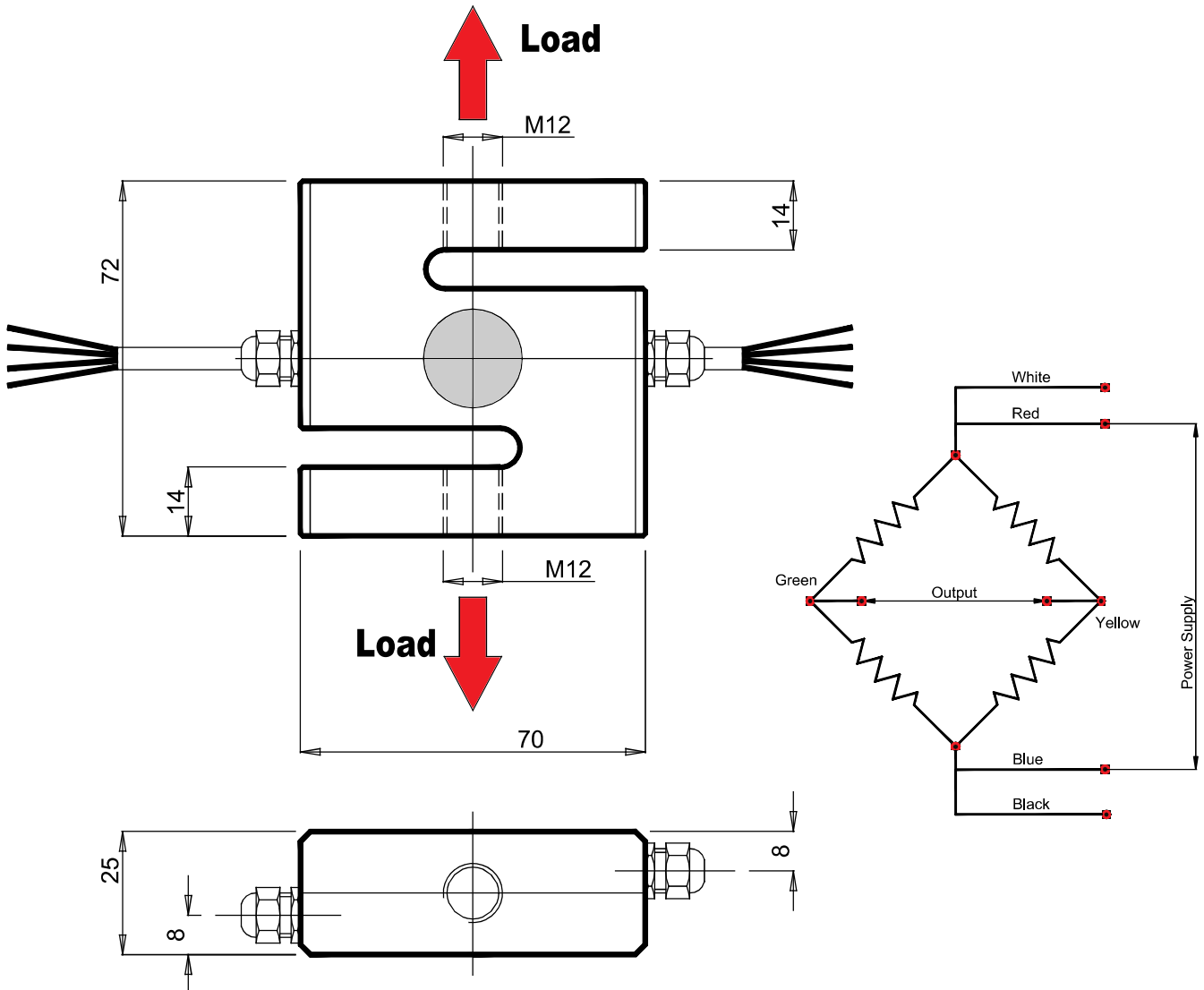
**Electrical connections**

Code: CCA double channel

- Red : Positive Supply
- Blue : Negative Supply
- Green : Signal -
- Yellow : Signal +
- Black : Sense -
- White : Sense +
- Shield : Not connected

Custom configurations are available on request.

### Dimensions [mm]



Product image for illustration purposes only

BPE Electronics reserves the right to modify the technical data anytime, without advice

TR1 v.1.0 08 2016