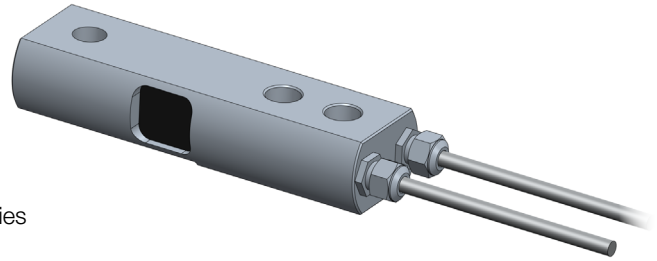
General features



- Made of alloy structural steel
- Electrical connection with 4m shielded cable (4xAWG24)
- Double channel version suitable for PL d (EN13849-1) systems

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

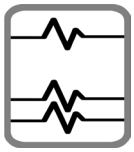
Note:
The user/installer is responsable for evaluating the values and, thus, the safety of the application



Output Sensitivity



Protection Grade IP67


Single or double channel

Technical Data

Power supply	from 0 to 15 VDC		
Output	2.0 mV/V	1.0 mV/V	1.7 mV/V
Nominal load	350 daN	1000 daN	5000 daN
Linearity, repeatability, hysteresis	± 1%FS		
Zero offset	± 1%FS		
FS and zero temperature coefficient	0.008 (1) %FS / °C		
Insulation	> 5 GΩ @15VDC		
Input and output resistance	350 Ω		
Safe overload	150%		
Ultimate load	300%		
Operating temperature	from -20 to +70 °C		
Mounting bolt tightening torque (screws class 10.9)	65 Nm	65 Nm	280 Nm
Maximum weight	0.85 kg	0.9 kg	1.3 kg
Housing material	Alloy structural steel		
Standard protection grade	IP67		
CE conformity	EMC Directive 2014 / 30 / UE		
EMC: Immunity | Emission	EN 61000-6-2 | EN61000-6-3		
Maximum number of mechanical cycles	$1x10^6$ cycles		

1) Between -10°C and + 40°C

Ordering Code

1	2	3	4	5	6	7	8	9	10
Transducer type	Nominal load	Channel	Outer diameter	Height	Length	Housing material	Cable length	Custom configuration	Electrical connection
TT	01000	S	35	23	115	1	L04000	NOT	CCF

1

Transducer type	
TT	Shear load cell

2

Nominal load	
00350	350 daN
01000	2500 daN
05000	5000 daN

3

Channel	
S	single channel
D	double channel

4

Outer diameter	
35	35 mm (for 350 daN and 1000 daN)
38	38 mm (for 5000 daN)

5

Height	
23	23 mm (for 350 daN and 1000 daN)
32	32 mm (for 5000 daN)

6

Length	
115	115 mm

7

Housing material	
1	Alloy structural steel

8

Cable length	
L04000	4.0 m standard cable length

9

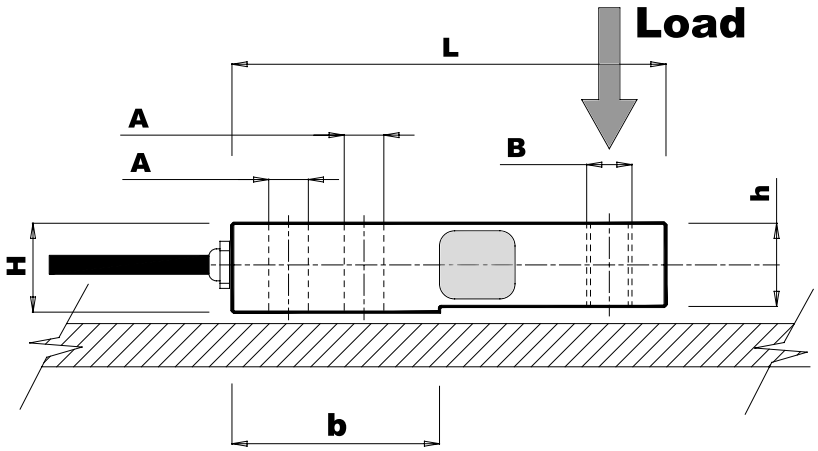
Custom configuration	
NOT	Not amplified signal

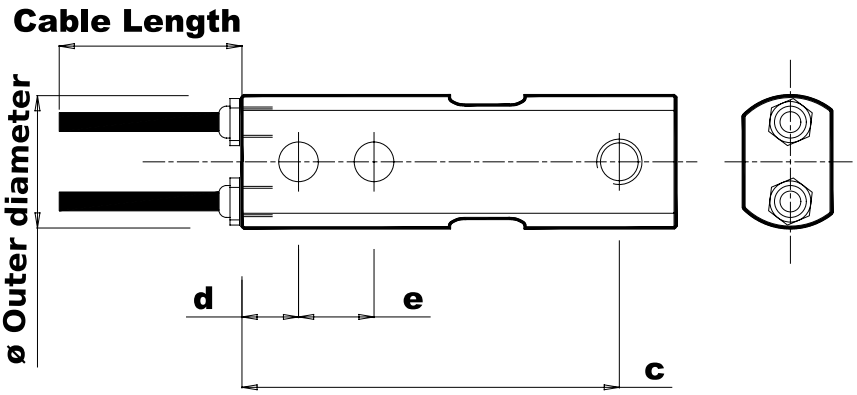
10

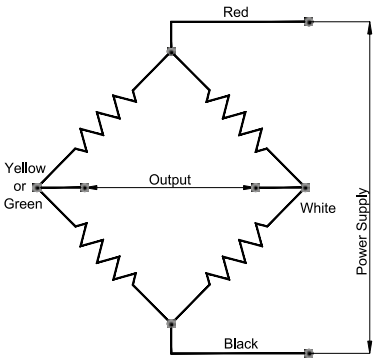
Electrical connection		
CCF	single or double channel	Red: Positive supply Black: Negative supply Yellow or Green : Signal - White: Signal + Shield: Not connected

Custom configuration are available on request

Dimensions [mm]







Load	Ø Outer diameter	L	b	c	d	e	h	H	Cable lenght	A	B
350	35	115	55	100	15	20	22	23.5	4000	Ø 10.5	M12
1000	35	115	55	100	15	20	22	23.5	4000	Ø 10.5	M12
5000	38	115	58	95.5	16	25.4	30	32	4000	Ø 16.5	Ø 20.5