Universal load cell **PS036**

General information

PWS25420261105

The S-type load cell PS036 is a robust tension and compression load cell covered by an anti-corrosion. The traction load cell PS036 can be applied in different industrial environments for several applications: weighing of suspended loads, plants for the production of cement and tar, measurement of forces and dynamometers.



All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

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Industrial Electronic Weighing Systems since 1963

Technical specifications

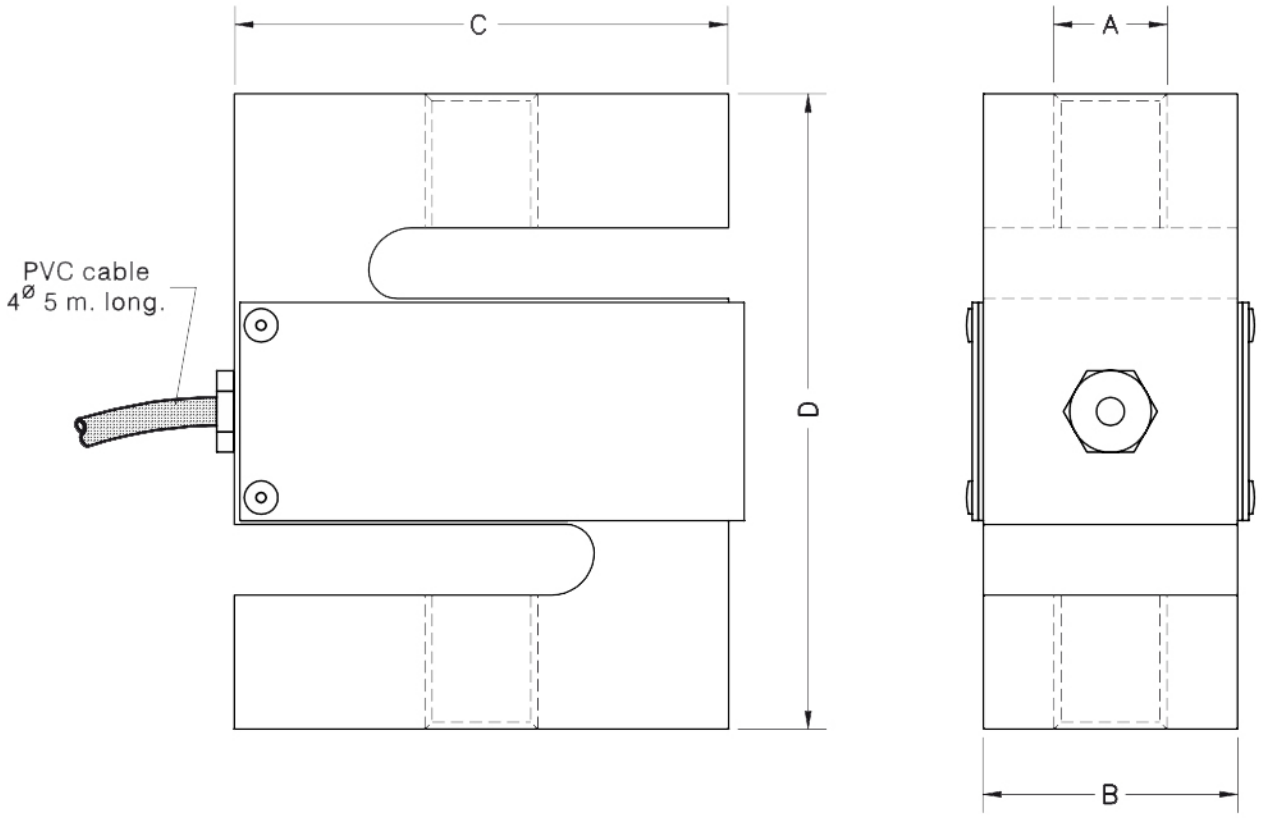
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Rated load (RL):	50, 100, 250, 500, 1000, 2500 Kg
Combined error:	< ±0.017 % Full scale
Repeatability:	< ±0,015 % full scale
Creep (30 minutes):	< ±0.016 % Full scale
Safe overload:	300 % RL
Accuracy class:	3000 OIML
Deflection:	0.3 - 0.5 mm
Compensated Temperature:	-10 ÷ +40 °C
Temperature range:	-30 ÷ +70 °C
Temperature effect on zero balance:	< ±0,01 % full scale/5°K
Rated output RO:	2 mV/V ±0,1 %
Insulation resistance:	> 5000 MOhm
Input impedance:	400 ±20 Ohm
Maximum input voltage:	15 V
Nominal input voltage:	10 V
Output impedance:	350 ±3 Ohm
Temperature effect on rated output:	< ±0,006 % full scale/5°K

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CAPACITY	A	B	C	D	TRANSPORT WEIGHT
50÷100kg	M8x1.25	15	50.8	63.5	0.4kg
250÷500÷1000kg	M12x1.25	19	50.8	76.2	0.6kg
2500kg	M20x1.5	25.4	76.2	108	1.3kg

Electrical Connection	
+IN	Green
+OUT	Red
-IN	Black
-OUT	White
Shield	

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