



Pavone Sistemi
pesatura elettronica industriale

LOAD CELLS

s-types

60050



Designed for small industrial weighing tanks and hoppers

Excellent linearity and precision

300% overload capability

Made of stainless steel

Watertight protection for use in harsh environments

TECHNICAL CHARACTERISTICS 60050

Rated load (R.L.):	50, 100, 150, 250, 500 kg; 1, 2.5, 5, 10 t
Electrical connection:	< ±0.02% of R.O.
Repeatability:	< ±0.01% of R.O./5°K
Creep (30 minutes):	±0.017% of R.L.
Safe overload:	150% of R.L.
Maximum overload:	300 % of R.L.
Recommended input:	5÷15 Vdc/Vac
Input resistance:	343÷450 Ohm
Output resistance:	349÷355 Ohm
Insulation resistance:	> 1000 M Ohm
Rated output (R.O.):	3 mV/V
Zero balance:	< ±1% of R.O.
Temperature range:	-18 ÷ +65°C
Compensated temperature range:	-10 ÷ +40°C
Temperature effect on zero balance:	< ±0.0010% of R.O./°F
Temperature effect on output:	< ±0.0007% of output/°F
Max load deflection:	0.10÷0.15 mm
Degree of protection:	IP67
Material:	Stainless steel
Electrical connection:	4 conductors shielded cable; length 6 m
Precision class:	3000 n. OIML only for carrying capacity from 50 to 2500kg



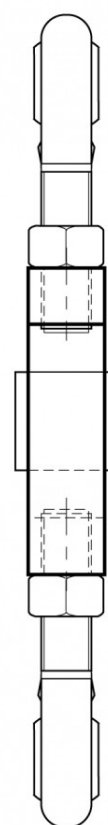
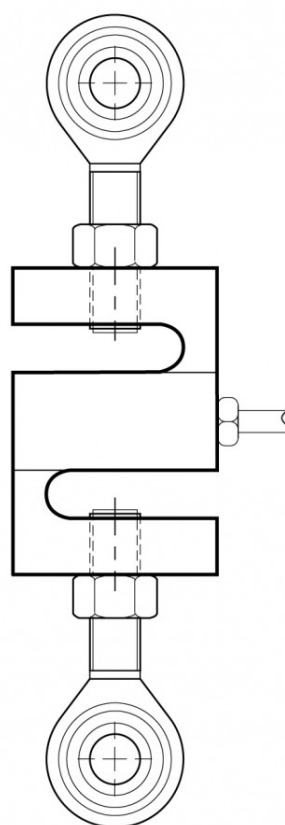
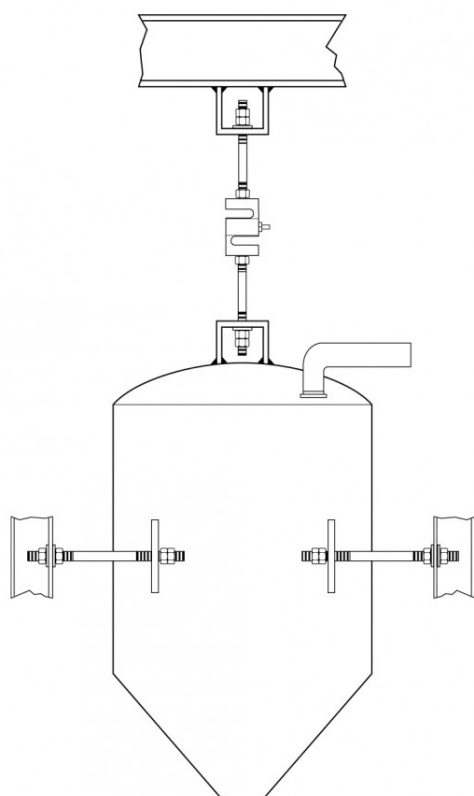


Pavone Sistemi
pesatura elettronica industriale

LOAD CELLS

s-types

60050





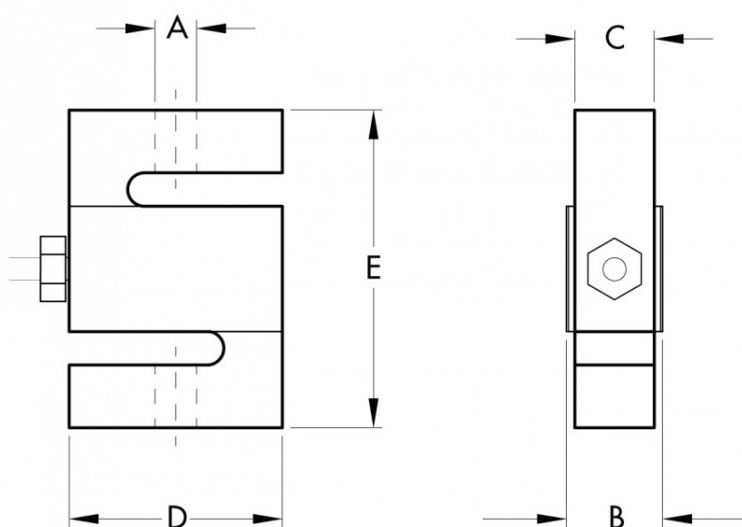
Pavone Sistemi

pesatura elettronica industriale

LOAD CELLS

s-types

60050



Electrical Connection

+Excitation	Red
-Excitation	Black
+Signal	Green
-Signal	White
Shield	Cable shield

CAPACITY	A	B	C	D	E
50-100 kg	M8x1.25-6H	16.5	12.7	50.8	63.5
250 kg - 1 t	M12x1.75-6H	25.4	19.1	50.8	76
2.5 t	M20x1.5-6H	31.8	25.4	76.2	108
5 t	M20x1.5-6H	31.8	25.4	88.9	120.7
10 t	M30x2.0-6H	57.2	50.8	127	177.8

