



Pavone Sistemi
pesatura elettronica industriale

LOAD CELLS

off center

PSBM6A



Stainless steel single point load cell

IP68

Hermetically sealed

Suitable for platform scales, belt scales, packaging machines, etc

Maximum platform size: 350x350 mm

TECHNICAL CHARACTERISTICS PSBM6A

Nominal sensitivity:	2.0 ± 0.2 mV/V
Maximum capacity:	6, 12, 30, 60 kg
Combined error:	< ± 0.020% FS
Safe overload:	150% of RL
Ultimate overload:	300% of R.L.
Zero balance:	< ±1.5% of FS
Recommended input:	5 ÷ 12 Vdc/Vac
Input resistance:	400 ± 20 Ohms
Output resistance:	350 ± 3.5 Ohms
Input resistance:	>5000 Ohms
Compensated temperature range:	-10 ÷ +40 °C
Operating temperature:	-35 ÷ + 65 °C
Material:	Stainless steel
Degree of protection:	IP68
ATEX classification:	II1G Ex ia II1C T4; II1D Ex iaD 20 T73°C; II3G nL IIC T4





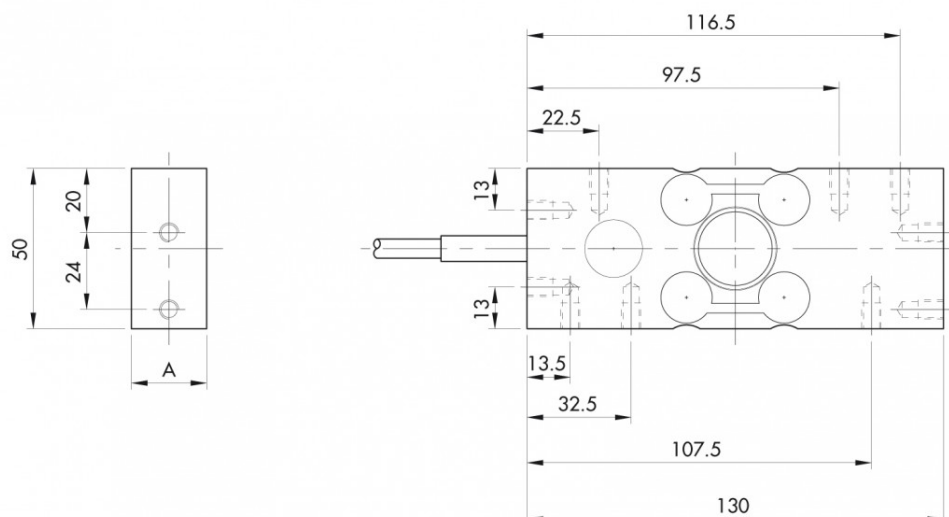
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CAPACITY	6Kg	12Kg	30Kg	60Kg
A in mm	18.5	18.5	18.5	23.5
All threads are M6x1 8mm deep				

Standard with 6 conductor shielded cable
Standard cable length is 6 m
Shield is not connected to load cell element
Different cable type or length are available on customers request

