

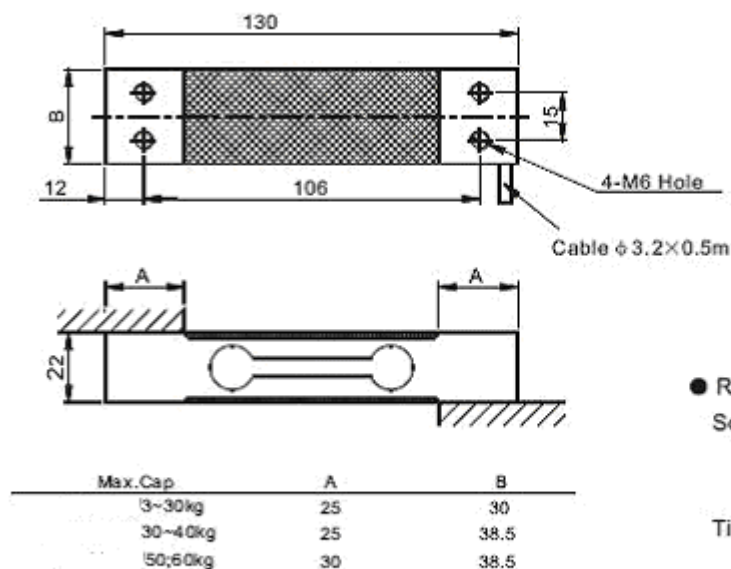
Vector SP LP Load cell, 3kg...60kg

Special features :

- Complies with OIML R60 C3 regulations up to 5 000d for scales class III
- Off-center load compensated
- Protection to IP66
- Explosion proof version (Ex ib II CT4)



Dimensions (in mm; 1mm = 0.03937 inches)



- Reference mounting:
Socket-head cap screw:
M6-8.8
; M6-10.9
Tightening torque:
; 6Nm
; 10Nm

Technical Data

Type			
Accuracy class according to OIML R60		C3	
Maximal numbers of load cell verification intervals (n _{Lc})		5000	
Maximal capacity (E _{max})	kg	3;6;10;20;30;	40;50;60
Minimumload cell verification interval(V _{min})	% of Cn	0.02	0.02
Reference Max.platform size	mm	250×350	300×380
Weight (G), approx.	kg	0.3	0.4

Sensitivity (Cn)	mV/V	2±10%
Zero balance	mV/V	±0.06
Temperature effect on sensitivity (TKc) *	% of Cn/k	< ±0.0012
Temperature effect on zero balance (TKo)	% of Cn/k	< ±0.0040
Non-linearity (dlin) *	%	< ±0.017
Repeatability (drep) *	%	< ±0.017
Hysteresis error (dhy) *	%	< ±0.017
Creep (dDR)in 30 min.	%	< ±0.023
Input resistance (RLC) [Red(+)-black(-)]	Ω	415 ±15
Output resistance (RO) [Green(+)-white(-)]	Ω	350±3
Reference excitation voltage (Uref)	V(DC/AC)	0.5...12
Maximal excitation voltage	V(DC/AC)	18
Insulation resistance (Ris)	GΩ	>1 [50 VDC]
Nominal temperature range	[°F]	-10...+40 [15...+105]
Service temperature range	[°F]	-10...+50 [15...+122]
Storage temperature range	[°F]	-25...+70 [-13...+158]
Safe load limit (EL)	% of Cn	150
Breaking load (Ed)	% of Cn	300
Protection class (IP) acc. to IEC529		IP66
Material		Aluminum
Optionally		Explosion proof version(Ex ib II CT4)

* The data for deviation of linearity, repeatability, hysteresis error and temperature effect on sensitivity are typical values. The sum of these data meets the requirements according to OIML R60.