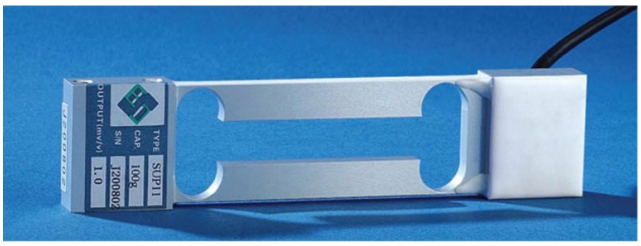
OFF CENTER LOAD CELL TYPE SUP11



Applications:

Off center load cell Type SUP11 can be used in small capacity weighing systems.

Some applications are:

- Small weighing platforms
- Hopper weighing, etc.

Main features:

- Universal use
- Low cost
- Aluminium construction
- Independent from centre of load application
- Platform size 150X150 mm
- Atex Certification

Nominal load:

kg 0,3-0,5-0,6-1-1,5-2

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Specification in according to VDI/VDE 2637

Metrological Characteristics	Par.	Un.	
Nominal Load	Ln	Kg	0,3÷2
Initial Load	Lp	%Ln	20
Maximum Load	Ll	%Ln	150
Linearity	Flin	±%Ln	0,03
Hysteresis	Fu	±%Ln	0,03
Repeatibility	Fv	±%Ln	0,02
Creep (in 30')	Fcr	±%Ln	0,03
Nominal Temperature Range	Btn	°C	-10+40
Zero Temperature Drift (10÷60°C, over 10°C)	TKo	±%Cn	0,03
Output Temperature Drift (10÷60°C, over 10°C)	TKC	±%Cn	0,03
Thermal Gradient		K/h	<5

Electrical Data			
Nominal Output	Cn	mV/V	1,5
Nominal Output Tolerance	Dc	±%Cn	10
Nominal Supply Voltage	Bsu	V	10
Maximum Supply Voltage	Usmax	V	15
Input Resistance	Re	Ω	410±10%
Output Resistance	Ra	Ω	350±3%
Insulation Resistance @20V	Ris	MΩ	>2000
Zero balance	Do	±%Cn	±2

Mechanical Data			
Cable Lenght		mm	Φ3 x 450

Environmental Conditions			
Working Temperature Range	Btn	°C	-20+60
Storage Temperature Range	Bts	°C	-20+60
Housing Protection			IP -65

Subject to change without notice

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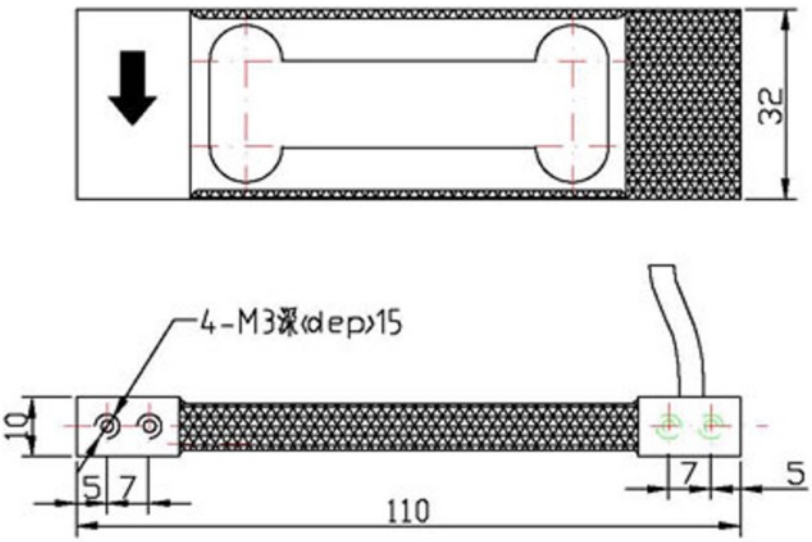
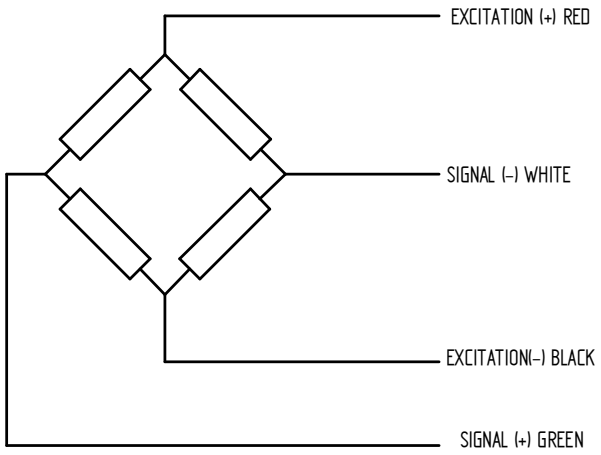
Dimensions: (in mm, 1mm=0,03937 inches)





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