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### **Applications:**

Off centre load cell Type SUP12 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 300X400 mm
- Atex certification

### **Nominal load:**

kg: 2-3-10-15-20-30-50-75-100



**OFF CENTER  
LOAD CELL  
TYPE SUP13**

**Specification in according to VDI/VDE 2637**

<b>Metrological Characteristics</b>	<b>Par.</b>	<b>Un.</b>	
Nominal Load	Ln	Kg	2÷100
Initial Load	Lp	%Ln	20
Maximum Load	Ll	%Ln	150
Linearity	Flin	±%Ln	0,015
Hysteresis	Fu	±%Ln	0,015
Repeatability	Fv	±%Ln	0,01
Creep (in 30')	Fcr	±%Ln	0,017
Nominal Temperature Range	Btn	°C	-10+40
Zero Temperature Drift (10÷60°C, over 10°C)	TKo	±%Cn	0,017
Output Temperature Drift (10÷60°C, over 10°C)	TKC	±%Cn	0,017
Thermal Gradient		K/h	<5

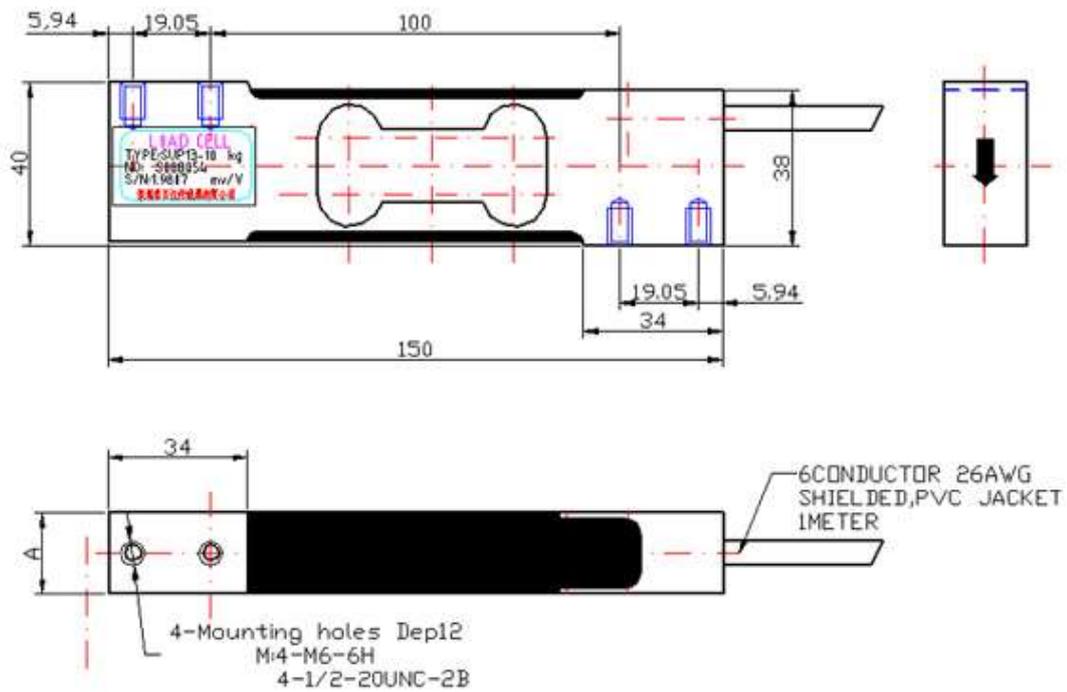
<b>Electrical Data</b>			
Nominal Output	Cn	mV/V	2
Nominal Output Tolerance	Dc	±%Cn	10
Nominal Supply Voltage	Bsu	V	10
Maximum Supply Voltage	Usmax	V	15
Input Resistance	Re	Ω	410±15%
Output Resistance	Ra	Ω	350±3%
Insulation Resistance @20V	Ris	MΩ	>2000
Zero balance	Do	±%Cn	±2

<b>Mechanical Data</b>			
Breaking Load	Ld	%Ln	200
Maximum Side Load	Llq	%Ln	100
Deflection	hn	mm	<1
Cable Length		mm	1000
Weight		Kg	0,2

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

Subject to change without notice

**Dimensions:** (in mm; 1mm = 0.03937 inches)



A= 20 mm (capacity 1...30 Kg)  
A= 25 mm /capacity 50...100 Kg

