



## OFF CENTER LOAD CELL TYPE L6T

### APPLICATIONS:

- L6T load cell are available in the capacities 50Kg-1000Kg
- Silicon adhesive sealed, surface anodized and anti corrosion
- Integral structure and easy installation
- Suitable for electronic pricing scales, electronic platform scales and other electronic weighing devices



### MAIN FEATURES:

- High accuracy
- Aluminium construction with parallel beam
- OIML test certificate no. D09-10.23
- Max Platform size 800x800mm

**NOMINAL LOAD:** kg 50-75-100-150-200-250-300-500-635-1000

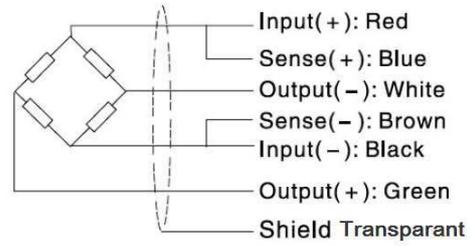
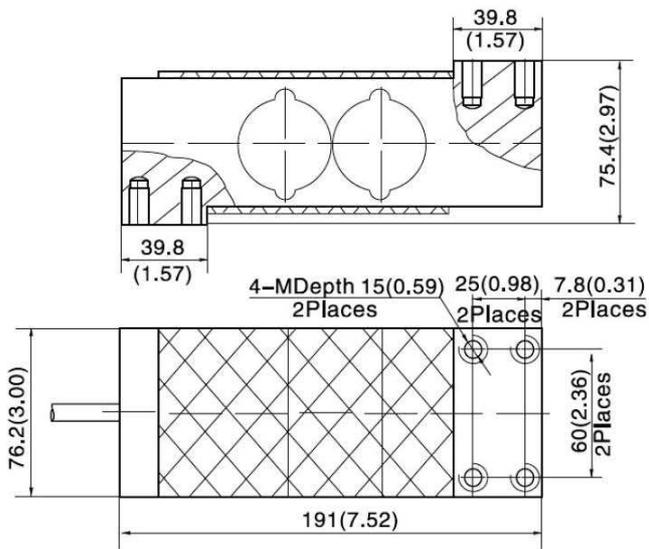
<i>SPECIFICATION ACCORDING TO VDI/VDE 2637</i>			
<u>METROLOGICAL CHARACTERISTICS</u>	<u>Par.</u>	<u>Un.</u>	
NOMINAL LOAD	Ln	Kg	50 ÷ 1000
INITIAL LOAD	Lp	% Ln	20
MAXIMUM LOAD	Ll	% Ln	150
COMBINED ERROR	Fv	% Ln	? ± 0,020
CREEP-30 MINUTES	Fcr	% FS	? ± 0,0167
NOMINAL TEMPERATURE RANGE	Btn	°C	-10 + 40
ZERO TEMPERATURE DRIFT (OVER 10 °C)	TK0	% Cn	? ± 0,0175
OUTPUT TEMPERATURE DRIFT (OVER 10 °C)	TKC	% Cn	? ± 0,020
THERMAL GRADIENT		°K/h	< 5
<u>ELECTRICAL DATA</u>			
NOMINAL OUTPUT	Cn	mV/V	2
NOMINAL OUTPUT TOLERANCE	Dc	± % Cn	5
NOMINAL SUPPLY VOLTAGE	Bsu	V	0,5 ÷ 12
MAXIMUM SUPPLY VOLTAGE	Usmax	V	18
INPUT RESISTANCE	Re		409 ± 6%
OUTPUT RESISTANCE	Ra		350 ± 3%
INSULATION RESISTANCE @ 20V	Ris	♦	> 5000
ZERO OUTPUT TOLERANCE	Do	± % Cn	± 2
<u>MECHANICAL DATA</u>			
BREAKING LOAD	Ld	% Ln	300
MAXIMUM SIDE LOAD	Llq	% Ln	100
DEFLECTION	hn	mm	< 1
CABLE LENGTH		mm	
WEIGHT		Kg	
<u>ENVIRONMENTAL CONDITIONS</u>			
WORKING TEMPERATURE RANGE	Btn	°C	-35 + 70
STORAGE TEMPERATURE RANGE	Bts	°C	-50 + 85
HOUSING PROTECTION			IP-65

SUBJECT TO CHANGE WITHOUT NOTICE

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**OUTLINE DIMENSIONS IN mm:**



• Dimensions and specifications are subject to change without notice.

**Wiring:**

- Adopt a shielded, 6 conductor cable, and cable jacket is PVC.
- Cable length:  $3.0 \pm 0.1$ m.
- Cable diameter:  $5.0 \pm 0.2$ mm.
- Shield not connected to element.

	Metric	Imperial
M	M8	5/16-18UNC