



OFF CENTER LOAD CELL TYPE L6F

APPLICATIONS:

- L6F load cell are available in capacities 50Kg 2000kg
- Silicon adhesive sealed, surface anodized and anti-corrosion
- Integral structure and easy installation
- Suitable for electronic pricing scales, platform scales and other electronic weighing devices

MAIN FEATURES:

- High accuracy
- Aluminium construction with parallel beam
- Max Platform size: 50Kg-200Kg 600x600mm
250Kg-500Kg 600x800mm
750Kg-2000Kg 1200x1200mm
- PTB approval No.: D09-06.10
- OIML certificate No.: R60/2000-CN1-06.01 revision 1

NOMINAL LOAD: kg 50-100-150-200-250-500-750-1000-2000



SPECIFICATION ACCORDING TO VDI/VDE 2637			
METROLOGICAL CHARACTERISTICS			
Par.	Un.		
NOMINAL LOAD	Ln	Kg	50÷2000
INITIAL LOAD	Lp	% Ln	20
MAXIMUM LOAD	LI	% 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
ELECTRICAL DATA			
NOMINAL OUTPUT	Cn	m V/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	Ω	406±6%
OUTPUT RESISTANCE	Ra	Ω	350±3%
INSULATION RESISTANCE @ 20V	Ris	MΩ	>5000
ZERO OUTPUT TOLERANCE	Do	±% Cn	±2
MECHANICAL DATA			
BREAKING LOAD	Ld	% Ln	300
MAXIMUM SIDE LOAD	Llg	% Ln	100
DEFLECTION	hn	mm	<1
CABLE LENGTH		mm	
WEIGHT		Kg	
ENVIRONMENTAL CONDITIONS			
WORKING TEMPERATURE RANGE	Btn	°C	-35+70
STORAGE TEMPERATURE RANGE	Bts	°C	-50+85
HOUSING PROTECTION			IP-65

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