



OFF CENTER LOAD CELL TYPE SUP6

APPLICATIONS:

Off centre load cell type SUP6 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 450X550 mm



NOMINAL LOAD: kg 50-60-100-150-200-250-300-500-600-750

SPECIFICATION ACCORDING TO VDI/VDE 2637			
METROLOGICAL CHARACTERISTICS	Par.	Un.	
NOMINAL LOAD	Ln	Kg	50÷750
INITIAL LOAD	Lp	% Ln	20
MAXIMUM LOAD	Ll	% Ln	150
NON-LINEARITY	Flin	% Ln	0,02
HISTERESIS ERROR	Fu	% Ln	0,02
REPEATABILITY ERROR	Fv	% Ln	0,02
CREEP-30 MINUTES	Fcr	% Ln	0,03
NOMINAL TEMPERATURE RANGE	Btn	°C	-10+40
ZERO TEMPERATURE DRIFT (OVER 10 °C)	TK0	% Cn	0,025
OUTPUT TEMPERATURE DRIFT (OVER 10 °C)	TKC	% Cn	0,025
THERMAL GRADIENT		°K/h	<5
ELECTRICAL DATA			
NOMINAL OUTPUT	Cn	mV/V	2
NOMINAL OUTPUT TOLERANCE	Dc	±% Cn	10
NOMINAL SUPPLY VOLTAGE	Bsu	V	1÷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 OUTPUT TOLERANCE	Do	±% Cn	±2
MECHANICAL DATA			
BREAKING LOAD	Ld	% Ln	200
MAXIMUM SIDE LOAD	Llg	% Ln	100
DEFLECTION	hn	mm	<1
CABLE LENGTH		mm	2000
WEIGHT		Kg	0,2
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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