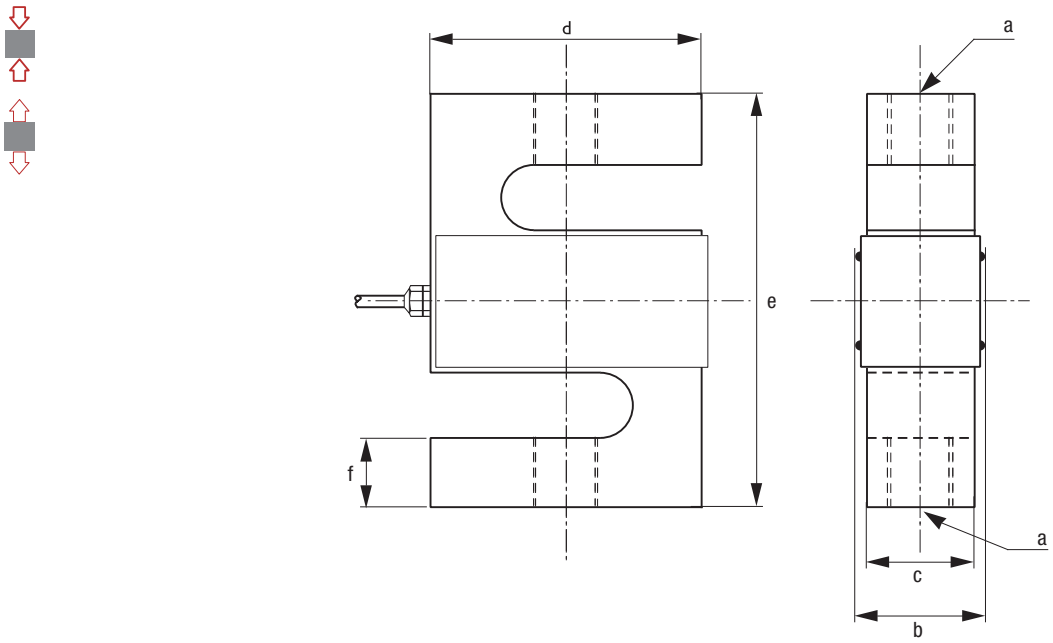
scaime

ZFA

25 kg ... 5 t

- *Nickel plated steel construction*
- *Dedicated to tension, compression or tension/ compression weighing or force applications*
- *Protection level IP65*



Model		a	b	c	d	e	f	Net Weight [g]
25, 50	kg	M8 x 1.25	19.7	13	51	64	10.5	350
100, 200, 500	kg	M12 x 1.75	25.6	19	51	76	13.5	600
1	t	M12 x 1.75	-	25.4	54	76	13.5	750
2.5, 5	t	M18 x 1.50	-	25.4	76	108	21	1 500

All dimensions in mm. Dimensions and specifications do not constitute any liability whatsoever. Technical drawings are available on request.

Tension Wiring			
+ excit.	+ signal	- signal	- excit.
red	green	white	black

Compression Wiring			
+ excit.	+ signal	- signal	- excit.
red	white	green	black

ZFA

25 kg ... 5 t

Specifications

METROLOGICAL		
Rated capacity (Cn)	25, 50, 100, 200, 500, 1 t, 2.5 t, 5 t	kg
Combined error	±0.03	%Cn
Temperature effect on zero	±0.002	%Cn/°C
Temperature effect on sensitivity	±0.002	%Cn/°C
Creep error (30 min.)	±0.02	%Cn
Maximum platform size	-	mm
LEGAL METROLOGY OIML R60		
Accuracy class	-	
Maximum capacity (E_{max})	-	kg
Max. number of LC intervals (n_{max})	-	d OIML
Minimum verifi cation interval (v_{min})	-	kg
$Z=E_{max}/(2xDR)$	-	
ELECTRICAL		
Nominal range of excitation voltage	1 ... 15	V
Rated output at Cn	3 ±0.5 %	mV/V
Zero balance	±1	$\%C_n$
Input/output resistance	385 ±10 / 350 ±5	Ω
Insulation resistance	> 5 000	MΩ/50V
GENERAL		
Compensated temperature range	-10 ... +50	°C
Service temperature range	-20 ... +60	°C
Safe load limit	120	%Emax
Ultimate overload	150	%Emax
Tightening torque	-	Nm
Protection class	IP65	EN 60529
Material		
Measuring body	*Nickel plated steel*	
Cable gland	*Stainless steel*	
Cable sheath	*PVC*	
Cable length	5	m

Options

Accessoires

Rod end ball joints

scaime

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