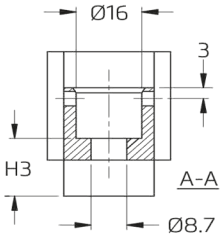
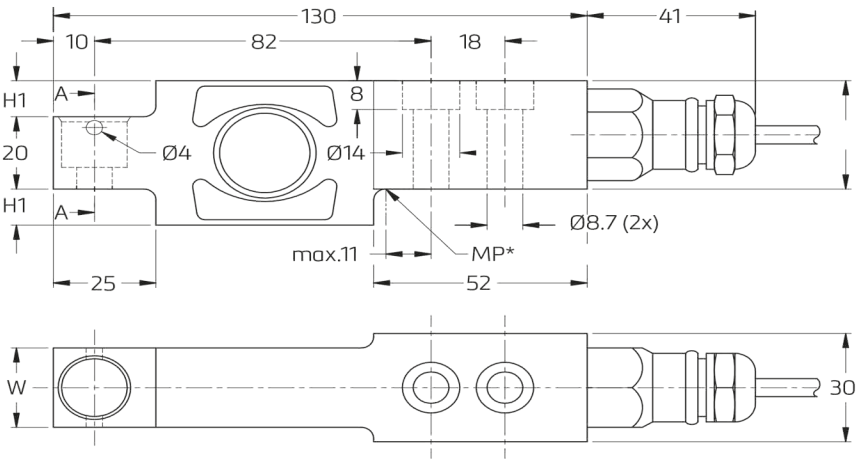




specifications

Maximum capacity (E _{max})	kN	0.2 / 0.5 / 1 / 2			0.5 / 1 / 2	0.2 / 0.5 / 1
	kg	20 / 50 / 100 / 200			50 / 100 / 200	20 / 50 / 100
Metric equivalents (1 N=0.10197 kg)	kg	20 / 20.4 / 50 / 51 / 100 / 102 / 200 / 204			50 / 51 / 100 / 102 / 200 / 204	20 / 20.4 / 50 / 51 / 100 / 102
Accuracy class according to OIML R60		(GP)	C1	C3	C3 M16	C4
Maximum number of verification intervals (n _{max})		n.a.	1,000	3,000	3,000	4,000
Minimum load cell verification interval (V _{min})		n.a.	E _{max} / 5,100	E _{max} / 10,200		
Temperature effect on minimum dead load output (TC ₀)	%*RO/10°C	± 0.0400	± 0.0275	± 0.0137		
Temperature effect on sensitivity (TC _{RO})	%*RO/10°C	± 0.0200	± 0.0160	± 0.0100		± 0.0080
Combined error	%*RO	± 0.0500	± 0.0300	± 0.0200	± 0.0180	
Non-linearity	%*RO	± 0.0400	± 0.0300	± 0.0166		± 0.0125
Hysteresis	%*RO	± 0.0400	± 0.0300	± 0.0166	± 0.0083	± 0.0125
Creep error (30 minutes) / DR	%*RO	± 0.0600	± 0.0490	± 0.0166	± 0.0083	± 0.0125
Option - Min. load cell verification interval (V _{min} opt)		n.a.	n.a.	E _{max} / 20,400		
Option - Temp. effect on min. dead load output (TC ₀ opt)	%*RO/10°C	n.a.	n.a.	± 0.0069		
Rated Output (RO)	mV/V	2 ± 0.1%				
Calibration in mV/V/Ω (A...I classified)	%	± 0.05 (± 0.005)				
Zero balance	%*RO	± 5				
Excitation voltage	V	5...15				
Input resistance (R _{ic})	Ω	1,100 ± 50				
Output resistance (R _{out})	Ω	1,000 ± 2				
Insulation resistance (100 V DC)	MΩ	≥ 5,000				
Safe load limit (E _{lim})	%*E _{max}	200				
Ultimate load	%*E _{max}	300				
Safe side load	%*E _{max}	100				
Compensated temperature range	°C	-10...+40				
Operating temperature range	°C	-40...+80 (ATEX -40...+60)				
Load cell material		stainless steel 17-4 PH (1.4548)				
Sealing		complete hermetic sealing; cable entry sealed by glass to metal header				
Protection according EN 60 529		IP68 (up to 2 m water depth) / IP69K				

product dimensions (mm)



Capacity	H1	H2	H3	W
20kg...0.5kN	12.8	32.8	18.8	19
100kg...2kN	10	30	16	22

wiring

