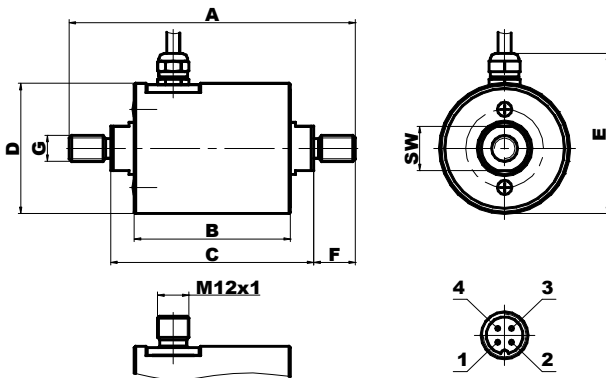


Special features

- Rugged industrial design
- Strain gauge measuring system
- Tension/Compression
- Available with built-in amplifier



Outline Dimensions (mm)



	A	B	C	D	E	F	G	SW
0,5 kN	95	55	71	45	55	12	M8	13
1 kN	95	55	71	45	55	12	M8	13
2 kN	110	60	78	50	60	16	M10	17
5 kN	110	60	78	50	60	16	M10	17
10 kN	140	80	100	60	70	20	M12	19
20 kN	150	80	104	60	70	23	M16	24
50 kN	170	80	108	60	70	31	M24	30
100 kN	240	100	136	80	90	52	M36	46
200 kN	300	120	166	100	110	67	M48	65

Specifications

Parameter	Standard	With Built-in Amplifier
Accuracy class	0.2	0.5
Rated Capacities	0.5, 1, 2, 5, 10, 20, 50, 100, 200 kN	
Safe Overload	150 %F.S.	
Ultimate Overload	250 %F.S.	
Rated Output	2 mV/V \pm 2%	0 ... 10 V (min load 5 k Ω) 4 ... 20 mA (max load 500 Ω)
Zero balance	2 % F.S.	
Non-linearity	0.1 %F.S.	
Hysteresis	0.1 %F.S.	
Creep (30 min)	0.1 %F.S.	
Temperature Effect - On Zero - On Output	0.05 %F.S./10 °C 0.05 %F.S./10 °C	0.2 %F.S./10 °C 0.2 %F.S./10 °C
Input Impedance	380 Ω \pm 10%	—
Output Impedance	350 Ω \pm 5%	—
Insulation Impedance	> 5000 M Ω	—
Excitation - Recommended - Maximum	10 V 15 V	20 ... 26 VDC
Temperature range - Compensated - Operating	0 ... + 50 °C - 20 ... + 70 °C	
Protection	IP65	
Deflection at max load	0.2 mm	
Construction	Steel	
Connection - Cable	LiYCY 4x0.14, 2 m	
Connection - Connector	M12	

Wiring diagram

