

Model SB402

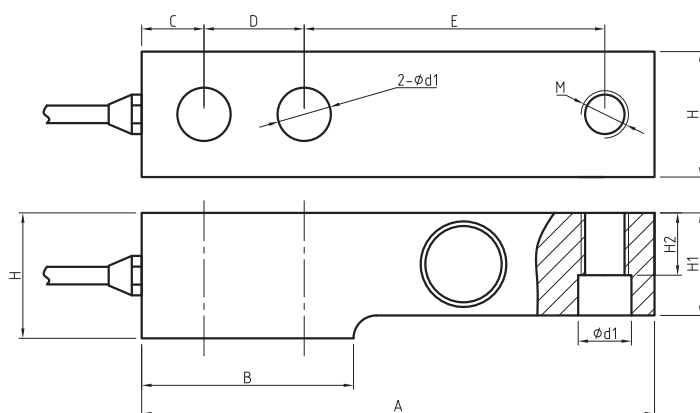


- Capacity: 0.5 t...5 t
- Material: alloy steel
- Protection class: IP67
- Application: Floor scales, truck scales and other electronic weighing devices.

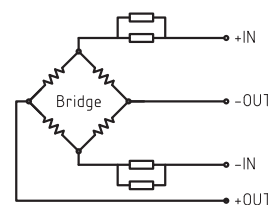
Performance Specifications

Parameter	Value	Units
Capacity	0.5, 1, 2, 2.5, 5	t
Rated Sensitivity	3.0±0.003	mV/V
Accuracy Class	C2 C3	
Combined Error	±0.03 ±0.02	%FS
Temp. Coeff - Zero	±0.029 ±0.019	%FS/10°C
Temp. Coeff - Span	±0.017 ±0.011	%FS/10°C
Creep(30min.)	±0.024 ±0.016	%FS
Zero Balance	1	%FS
Input Resistance	350±5	Ω
Output Resistance	350±3	Ω
Insulation Resistance	≥5000	MΩ@50Vdc
Operating Temperature Range	-20 to +55	°C
Compensated Temperature Range	-10 to +40	°C
Excitation Voltage	9 to 12	Vdc
Safe Overload	120	%FS
Ultimate Overload	150	%FS
Body Material	alloy steel	mm
Environment Protection	IP67	
Cable Specification	Ø5mm cable, L=3m	

Dimensions (in mm)



Electrical Connection



capacity(t)	A	B	C	D	E	d1	H	H1	H2	M
0.5	130	53.7	15.8	25.4	76.2	13.5	31.8	26	15.8	M12x1.75
1-2	130	53.7	15.8	25.4	76.2	13.5	31.8	28	15.8	M12x1.75
2.5-5	171	77.2	19	38.1	20.5	M16	38.1	32	15.8	M20x2.5

Ordering Information

Model	Capacity	Sensitivity	Combined Error	Electrical interface	Customized Spec's
SB402	0.5t	3.0mV/V	0.03%FS	Ø5mm cable, L=3m	