SinglePointLoadCells | SPL-CMP-101

Microcapacity open-flexure single point | Electrical and selection reference

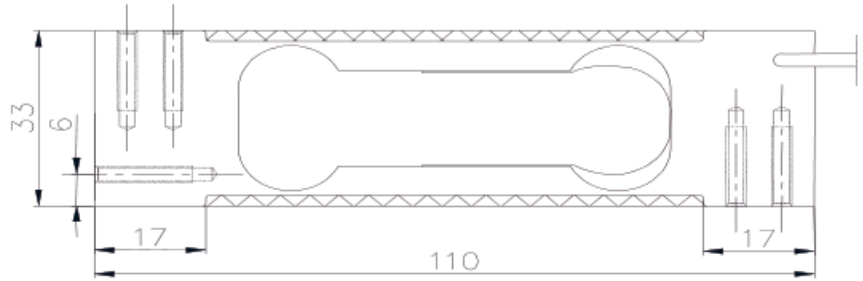
Material	Aluminum alloy
Protection	IP65
Accuracy declaration	C3 in source catalogue; exact certificate scope to confirm
Input resistance	405 +/-5 ohm
Output resistance	350 +/-3 ohm
Catalogue cable	4 mm diameter x 350 mm; 4 wires plus shield
Recommended excitation	5-15 V
Maximum excitation	15 V
Compensated temperature	-10 to +40 deg C
Operating temperature	-10 to +50 deg C
Static safe overload	150% F.S.; not an impact-survival rating
Ultimate overload	300% F.S.; not a permitted operating load
vmin / full-scale deflection	Not specified in the source table; request order-specific values
Platform envelope	100 x 100 mm

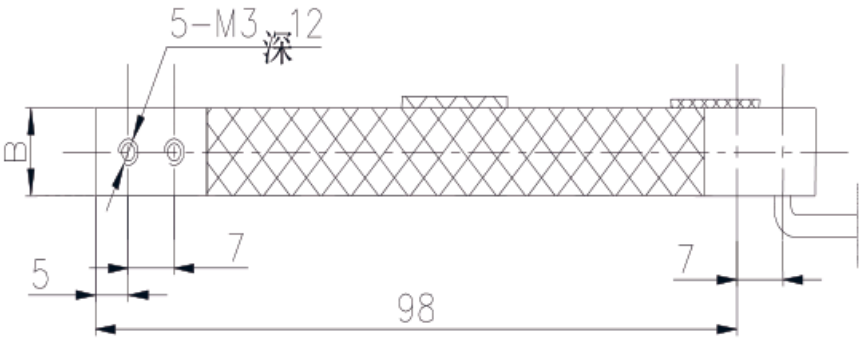
Wiring reference: EXC+ Blue; EXC- Black; SIG+ White; SIG- Red; Shield Shield. Confirm the supplied cable function chart before energizing.

Data basis: 2023 supplier catalogue, transcribed and reviewed for this independent SPL reference. These are selection values, not a released production drawing, SPL calibration report or transferred manufacturer approval. Confirm tare, eccentric loading, the drawing revision and all certificate conditions before ordering.

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Mounting reference in mm | Capacity-specific envelope and output





Capacity kg	L x W x H mm	Thread / depth	Output
0.2	110 x 6 x 33	M3 / 12 mm	0.8-1.0 mV/V
0.3	110 x 10 x 33	M3 / 12 mm	0.8-1.0 mV/V
0.6	110 x 10 x 33	M3 / 12 mm	0.8-1.0 mV/V
1	110 x 10 x 33	M3 / 12 mm	0.8-1.0 mV/V
1.5	110 x 10 x 33	M3 / 12 mm	0.8-1.0 mV/V
3	110 x 10 x 33	M3 / 12 mm	0.8-1.0 mV/V

Width B is 6 mm at 200 g and 10 mm at the other listed capacities.
Drawing specifies five M3 holes, 12 mm depth. Refer to the drawing for their individual faces.