SinglePointLoadCells | SPL-HVY-101

Heavy-section stainless single point | Electrical and selection reference

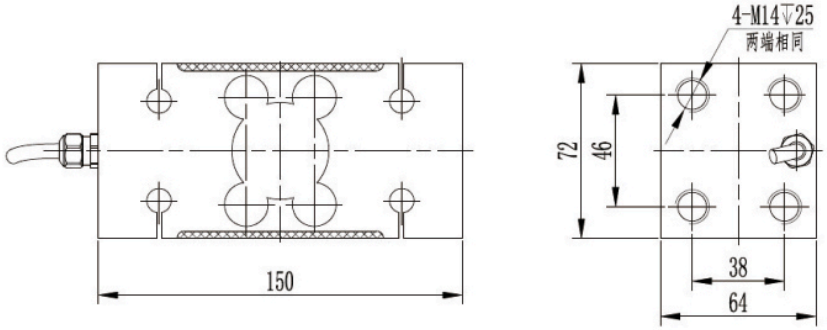
Material	Stainless steel; grade not specified
Protection	IP67
Accuracy declaration	No accuracy class assigned in the source table
Input resistance	380 +/-20 ohm
Output resistance	350 +/-10 ohm
Catalogue cable	6.3 mm diameter x 2,500 mm; 6 wires plus shield
Recommended excitation	5 V
Maximum excitation	15 V
Compensated temperature	-10 to +40 deg C
Operating temperature	-40 to +65 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	Capacity-specific pairing requires confirmation

Wiring reference: EXC+ Green; EXC- Black; SIG+ White; SIG- Red; SEN+ Yellow; SEN- Blue; 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
50	150 x 64 x 72	M14 / 25 mm	2.0 +/-0.002 mV/V
100	150 x 64 x 72	M14 / 25 mm	2.0 +/-0.002 mV/V
200	150 x 64 x 72	M14 / 25 mm	2.0 +/-0.002 mV/V
300	150 x 64 x 72	M14 / 25 mm	2.0 +/-0.002 mV/V
500	150 x 64 x 72	M14 / 25 mm	2.0 +/-0.002 mV/V
1000	150 x 64 x 72	M14 / 25 mm	2.0 +/-0.002 mV/V

Catalogue lists three platform envelopes without assigning each to a capacity. Platform fit requires review.
Stainless grade and model-specific approval class are not stated.
Drawing specifies four M14 holes, 25 mm depth, on each end face (both ends alike); confirm bracket and cable-gland clearance.
Output tolerance is reproduced as 2.0 +/-0.002 mV/V in the catalogue; confirm the supplied normalization tolerance in the order specification.