SinglePointLoadCells | SPL-SSW-102

Round-window stainless single point | Electrical and selection reference

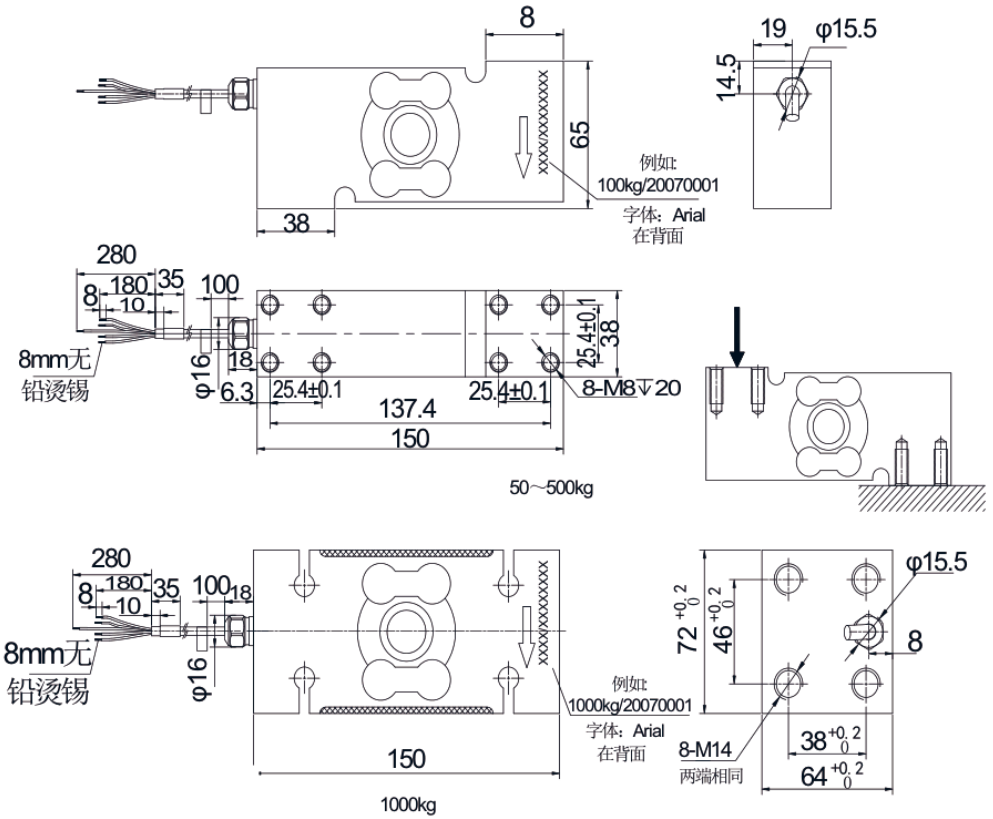
Material	Stainless steel; grade not specified
Protection	Unresolved IP67/IP68 edition difference; confirm exact variant
Accuracy declaration	No accuracy class assigned in the source table
Input resistance	380 +/-20 ohm
Output resistance	350 +/-10 ohm
Catalogue cable	6 mm diameter x 3,000 mm; 6 wires 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	200% 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 38 x 65	M8 / 20 mm	2.0 mV/V +/-10%
100	150 x 38 x 65	M8 / 20 mm	2.0 mV/V +/-10%
200	150 x 38 x 65	M8 / 20 mm	2.0 mV/V +/-10%
300	150 x 38 x 65	M8 / 20 mm	2.0 mV/V +/-10%
500	150 x 38 x 65	M8 / 20 mm	2.0 mV/V +/-10%
1000	150 x 64 x 72	M14 / confirm	2.0 mV/V +/-10%

50-500 kg drawing: 150 x 38 x 65 mm, M8 holes with 20 mm depth.
1,000 kg drawing: 150 x 64 x 72 mm, M14 holes; engagement depth not stated.
2023 catalogue says IP68; current official source page says IP67. No confirmed IP68/IP69K option is published.
Catalogue platform envelopes have no capacity pairing; confirm the exact drawing.
The 1,000 kg outline changes the mounting-face arrangement. Do not reuse the lower-capacity bracket without a drawing review; metric M8 is not a UNC thread.