

Capacity	Accuracy	Part-Number
7 kg	C3 not approved	B6N-C3-7kg-1B
15 kg	C3 not approved	B6N-C3-15kg-1B
20 kg	C3 not approved	B6N-C3-20kg-1B
30 kg	C3 not approved	B6N-C3-30kg-1B
50 kg	C3	B6N-C3-50kg-1B
75 kg	C3	B6N-C3-75kg-1B
100 kg	C3	B6N-C3-100kg-1B
150 kg	C3	B6N-C3-150kg-1B
200 kg	C3	B6N-C3-200kg-1B





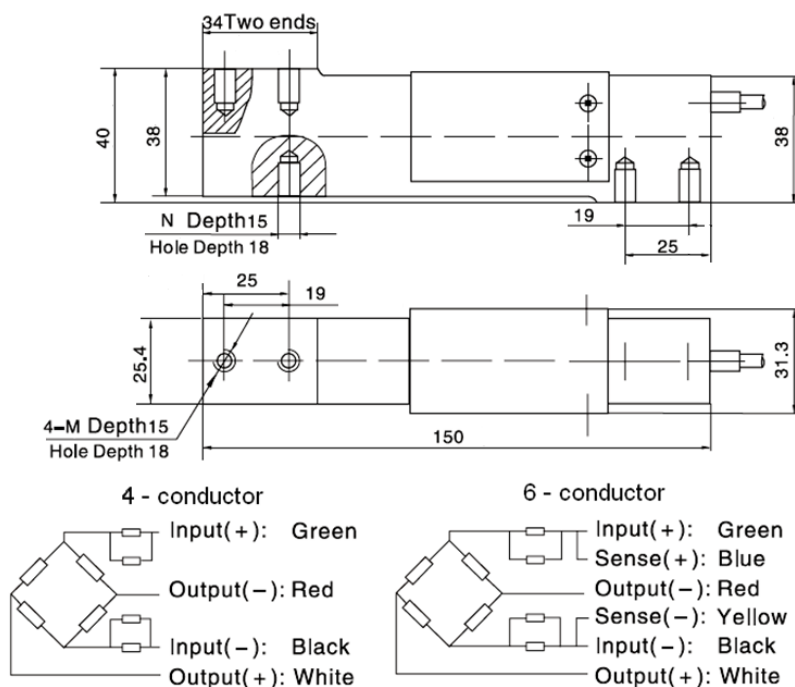
- Stainless steel IP67 single point load cell
- Bending beam construction
- Suitable for weighing equipment like platform and belt scales, etc.
- Maximum platform size: 400 x 400 mm



Specification:

Accuracy class		C3 not approved		OIML C3
		Output sensitivity (= FS)	mV/V	2.0 ± 0.2
Maximum capacity (E _{max})	kg	7, 15, 20, 30	50, 75, 100, 150, 200	
Maximum number of load cell intervals (n _{LC})		3000		
Ratio of minimum LC verification interval Y = E _{max} / V _{min}		9000		
Minimum Dead Load Output Return (Z = ½ * E _{max} / DR)		6000		
Combined Error	%FS	≤ ± 0.020		
Minimum dead load	kg	0		
Safe overload	of E _{max}	150 %		
Ultimate overload	of E _{max}	300 %		
Zero balance	of FS	≤ ± 1.0 %		
Excitation, recommended voltage	V	5 ~ 12		
Excitation maximum	V	18		
Terminal resistance, input	Ω	430 ± 60		
Terminal resistance, output	Ω	351 ± 2		
Insulation impedance	MΩ	≥ 5000 (at 50VDC)		
Temperature range, compensated	°C	-10 ~ +40		
Temperature range, operating	°C	-35 ~ +65		
Element material		Stainless steel		
Ingress Protection (according to EN 60529)		IP67		
Recommended torque on fixation bolts	Nm	10		
ATEX classification		II1G Ex ia II1C T4	II1D Ex ia D 20 T73°C	II3G nL IIC T4

Outline Dimensions in mm



Note:

- Machining thread hole M and N basing on customers' requirements.
- When customers require imperial: Thread hole M is 1/4-20UNC-2B, Thread hole N is 1/4-28UNF-2B.
- When customers require metric: Thread holes M and N are M6-6H respectively and there will be "M" under exit hole.

Wiring:

- Shielded, 4- or 6-conductor cable.
- Standard cable length: 1m.
- Cable type and cable length for customer's own application are available on request.
- Shield (not) connected to element.