H2D



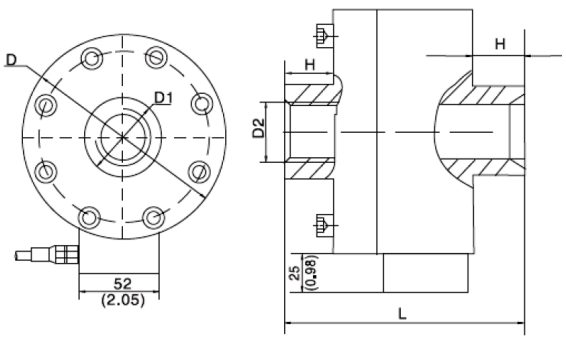
- Alloy steel IP67 compression load cell
- Nickel plated
- Suitable for hopper and platform scales and other electronic devices
- Low profile

Available models		
5.0t~20t	C2	H2D–C2–xxt–xxJ

Specification

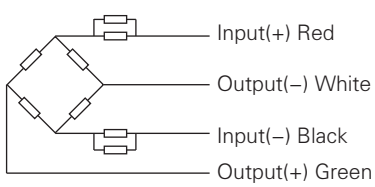
Maximum capacity (E_{max})	t	5/10/15/20
Accuracy class		C2
Maximum number of load cell intervals (nLC)		2000
Ratio of minimum LC verification interval Y = E_{max} / v_{min}		5000
Combined error	%FS	± 0.03
Output sensitivity (= FS)	mV/V	2.0 ± 0.008
Input resistance	Ω	750 ± 10
Output resistance	Ω	700 ± 7
Insulation resistance	MΩ	⩾ 5000 (50VDC)
Zero balance	%FS	± 1.0
Compensated temperature	℃	–10 ~+40
Operating temperature	℃	–35 ~+70
Excitation, recommended voltage	V	5 ~ 12(DC)
Excitation maximum	V	18(DC)
Safe overload	%FS	150
Ultimate overload	%FS	300
Element material		Nickel plated alloy steel
Ingress protection (according to EN 60529)		IP67

Dimensions in mm



Capacity(t) \ Dimension (mm)	L	D	D1	M	H
5	83 (3.27)	128 (5.04)	45 (1.77)	M24 × 2	7 (0.28)
10	150 (5.91)	160 (6.3)	60 (2.36)	M39 × 2	30 (1.18)
20	220 (8.66)	200 (7.87)	80 (3.15)	M60 × 2	60 (2.36)

Wiring



- Shielded, 4 conductor cable: Φ5mm
- Standard cable length: 5m(5t,10t,15t); 10m(20t)
- Cable type and cable length for customer's own application are available on request.
- Shield not connected to element.