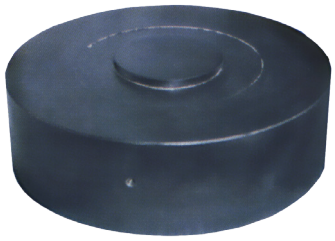
H2A

- Alloy steel IP67 compression load cell
- High accuracy
- Suitable for special measuring equipment



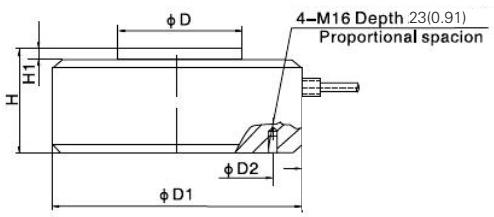
Available models

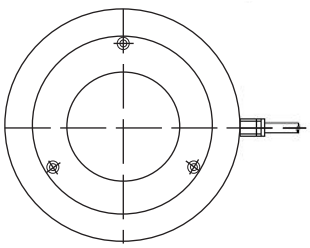
xxMN	G2/G3/G5	H2A–Gx–xxMN–5T

Specification

Maximum capacity (Emax)	MN	1/2/3/4/5			
Accuracy class		G2	G3	G5	G10
Combined error	%FS	± 0.2	± 0.3	± 0.5	± 1.0
Output sensitivity (= FS)	mV/V	⩾ 2.0			
Input resistance	Ω	1072 ± 5			
Output resistance	Ω	1050 ± 5			
Insulation resistance	MΩ	⩾ 5000(50VDC)			
Zero balance	%FS	± 1.0			
Compensated temperature	℃	–10 ~ +40			
Operating temperature	℃	–35 ~ +65			
Excitation, recommended voltage voltage	V	5~12(DC)			
Excitation maximum	V	18(DC)			
Safe overload	%FS	150			
Ultimate overload	%FS	300			
Element material		Alloy steel (surface bluing treatment,spray painted)			
Ingress protection (according to EN 60529)		IP67			
Recommended torque on fixation	N.m	M16: 200			

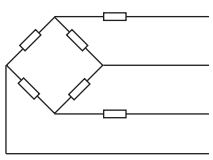
Dimensions in mm





Capacity / Dimension	1	2	3	4	5
D	59 (2.32)	78 (3.07)	91 (3.58)	110 (4.33)	133 (5.24)
D1	260 (10.24)	290 (11.42)	330 (12.99)	400 (15.75)	400 (15.75)
D2	200 (7.87)	225 (8.86)	251 (9.88)	296 (11.65)	307 (12.09)
H	80 (3.15)	104 (4.09)	123 (4.84)	132 (5.20)	132 (5.20)
H1	10 (0.39)	10 (0.39)	10 (0.39)	10 (0.39)	10 (0.39)

Wiring



Input(+) Red
Output(–) White
Input(–) Black
Output(+) Green

- Shielded, 4 conductor cable.
- Cable diameter: Φ5mm
- Standard cable length: 5m
- Shield not connected to element