H8Q

FEATURES

- Nickel plated alloy steel IP67 shear beam load cell
- Low profile
- Suitable for hopper, floor and other electronic scales
- High accuracy



AVAILABLE MODELS

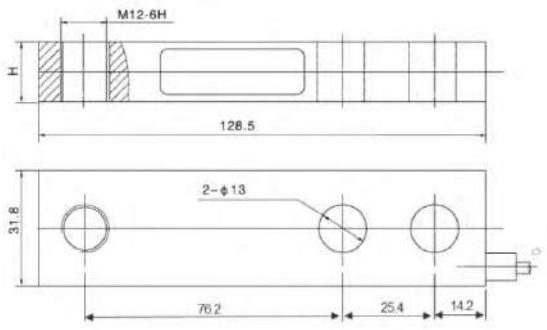
Capacity	Accuracy	Full article description
200kg	C3	H8Q-C3-200kg-3B
500kg	C3	H8Q-C3-500kg-3B
1000kg	C3	H8Q-C3-1000kg-3B
2000kg	C3 Excluded from OIML	H8Q-C3-2000kg-3B

test certificate no. TC8382 Revision 0
C of C no R60/2000-NL1-13.21 Revision 1

SPECIFICATION

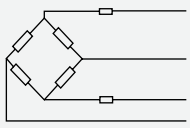
Accuracy class		OIML R60 C3	C3
Output sensitivity (=FS)	mV/V	2.0 ± 0.002	
Maximum capacity (E_{max})	kg	200/500/1000	2000
Maximum number of load cell intervals (nLC)		3000	
Ratio of minimum LC verification interval $Y=E_{max} / V_{min}$		15000	10000
Combined error	%FS	± 0.0230	
Minimum dead load	%FS	0	
Safe overload	%FS	150	
Ultimate overload	%FS	300	
Zero balance	%FS	± 1.0	
Excitation, recommended voltage	V	5 ~ 12 (DC)	
Excitation maximum	V	18 (DC)	
Input resistance	Ω	1000 ± 5 (200kg) /1106± 5	
Output resistance	Ω	1000 ± 5	
Insulation resistance	MΩ	⩾ 5000 (50VDC)	
Compensated temperature	℃	-10 ~ +40	
Operating temperature	℃	-35 ~ +65	
Storage temperature	℃	-40 ~ +70	
Element material		Nickel plated alloy steel	
Recommended torque on fixation	N.m	M12: 75	
Ingress protection (according to EN 60529)		IP67	

DIMENSIONS IN MM



Capacity	H
200 kg	12.7(0.5)
500 kg	15.9(0.63)
1000 kg	19.1(0.75)
2000kg	25.4(1)

WIRING



- Shielded, 4 conductor cable
- Cable diameter: Φ5mm
- Standard cable length: 3m
- Shield is not connected to element