

HM11



- Alloy steel, nickel-plated, single point bending beam, hermetically welded, tension or compression.
- Ingress protection (according to EN 60529): IP68
- Suitable for belt scales, hopper scales and other electronic weighing devices.



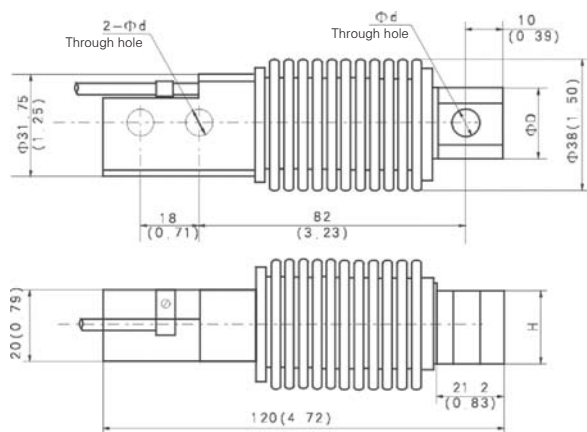
Available models

Capacity	Accuracy	Full article description
xxkg	C3	HM11-C3-xxkg-3B
xxkg	C3	HM11-C3-xxkg-6B6

Specification

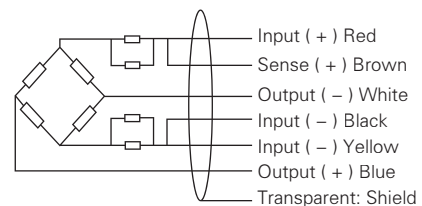
Maximum capacity (E _{max})	kg	5/10/20/30/50/75/100/150/200/250/300/350/400/500		
Accuracy class		C3		
Maximum number of verification intervals	N _{max}	3000		
Maximum number of load cell intervals (nLC)	V _{min}	E _{max} /10000		
Combined error	%FS	± 0.020		
Creep	%FS/30min	± 0.016		
Temperature effect on sensitivity	%FS/10°C	± 0.011		
Temperature effect on zero	%FS/10°C	± 0.015		
Output sensitivity (= FS)	mV/V	2.0 ± 0.02		
Input resistance	Ω	460 ± 50		
Output resistance	Ω	350 ± 3.5		
Insulation resistance	MΩ	≥ 5000(50VDC)		
Zero balance	%FS	± 1.0		
Compensated temperature	°C	-10~+40		
Operating temperature	°C	-35~+65		
Excitation, recommended voltage	V	5~12(DC)		
Excitation maximum	V	18(DC)		
Safe overload	of E _{max}	150		
Ultimate overload	of E _{max}	300		
ATEX Class(Optional)		II1G Ex ia IIC T4	II1D Ex iaD20 T73°C	II3G Ex nL II C T4

Dimensions in mm



Capacity (kg)	5,10,20,30,50,75	100,150,200,250	300,350,400,500
Dimension			
d	8.2(0.32)		10.3(0.41)
D	23(0.91)		24(0.94)
H	20(0.79)		19(0.75)

Wiring



- Both 4 and 6 conductor wires are available on customer's requirements.
- Cable diameter: $\Phi 5 \pm 0.2\text{mm}$
- Standard length for 4 conductor cable: 3m
- Standard length for 6 conductor cable: 6m
- Note: Connection of 6 conductor wires are as above. For 4 conductor wires the yellow and blue sense wires are removed.