

Capacity	Accuracy	Part number
500kg	C3	BM8H-C3-500kg-3B
1.0t	C3	BM8H-C3-1.0t-3B
2.0t	C3	BM8H-C3-2.0t-6B
5.0t	C3	BM8H-C3-5.0t-6B
500kg	C3	BM8H-C3-500kg-3B-A1
1.0t	C3	BM8H-C3-1.0t-3B-A1
2.0t	C3	BM8H-C3-2.0t-6B-A1
5.0t	C3	BM8H-C3-5.0t-6B-A1
1Klb	N10	BM8H-N10-1K-3B
2.5Klb	N10	BM8H-N10-2.5K-3B
4Klb	N10	BM8H-N10-4K-6B
5Klb	N10	BM8H-N10-5K-6B
10Klb	N10	BM8H-N10-10K-6B
1Klb	N10	BM8H-N10-1K-3B-A1
2.5Klb	N10	BM8H-N10-2.5K-3B-A1
4Klb	N10	BM8H-N10-4K-6B-A1
5Klb	N10	BM8H-N10-5K-6B-A1
10Klb	N10	BM8H-N10-10K-6B-A1



A1 - Current output, Resistance 1000Ω

Specifications		
Accuracy Class	OIML R60 C3	NTEP III, III L
Rated output (mV/V)	2.0 ± 0.02	
Combined error (%FS)	0.02	
Non-linearity (%FS)	0.02	
Non-repeatability (%FS)	0.01	
Creep (%FS/30min)	0.02	
Input Resistance (Ω)	1000 ± 10	350 ± 3.5
Output Resistance (Ω)	1000 ± 10	350 ± 3.5
Insulation Resistance (MΩ)	≥ 5000 (50VDC)	
Zero Balance (%FS)	≤ 1.0	
Temperature effect on zero (%FS/10°C)	0.014	
Temperature effect on span (%FS/10°C)	0.018	
Temperature, Compensated (°C)	-10 ~ +40	
Temperature, Operating (°C)	-35 ~ +65	
Excitation, Recommended (V)	5-12 (DC)	
Excitation, Max. (V)	18 (DC)	
Safe Overload (%FS)	150	
Ultimate Overload (%FS)	300	
Protection Class	IP 68	
Cable Length (m)	6 (2t-5t, 4Klb-10Klb) 3 (500kg-1t, 1Klb-2.5Klb)	

Connections Red Input(+) Black Input(-) Green Output(+) White Output(-) Transparence (Shield)

Outline Dimensions in mm(inches)				
Dimensions	500kg (1Klb)	750kg, 1.0t (2.5Klb)	1.5t, 2.0t (4Klb) (5Klb)	5.0t (10Klb)
A	130.0 (5.12)	130.0 (5.12)	130.0 (5.12)	172.0 (6.77)
B	15.5 (0.61)	15.5 (0.61)	15.5 (0.61)	19.1 (0.75)
C	25.4 (1.00)	25.4 (1.00)	25.4 (1.00)	38.1 (1.50)
D	76.2 (3.00)	76.2 (3.00)	76.2 (3.00)	95.3 (3.75)
E	31.8 (1.25)	31.8 (1.25)	31.8 (1.25)	38.0 (1.50)
F	13 (0.51)	13 (0.51)	13 (0.51)	20.5 (0.81)
G	20.5 (0.81)	20.5 (0.81)	20.5 (0.81)	30.2 (1.19)
H	14.2 (0.56)	14.2 (0.56)	14.2 (0.56)	20.0 (0.79)
J	26.0 (1.02)	27.95 (1.10)	31.95 (1.26)	40 (1.57)
K	31.8 (1.25)	31.8 (1.25)	35.9 (1.41)	44 (1.73)
L	57.1 (2.24)	57.1 (2.24)	57.1 (2.24)	76.2 (3.00)
M	M12 1/2-20UNF	M12 1/2-20UNF	M12 3/4-16UNF	M20 3/4-16UNF

Single shear beam