

Capacity	Accuracy	Part-Number
0.5t	C3 & C4	BM8G-C3-0.5t-5B
1t	C3 & C4	BM8G-C301t-5B
2t	C3 & C4	BM8G-C3-2t-5B
5t	C3	BM8G-C3-5t-5B
7.5t	C3	BM8G-C3-7.5t-5B
10t	C3	BM8G-C3-10t-5B
2klb	C3 & C4	BM8G-C3-2klb-5B
5klb	C3 & C4	BM8G-C3-5klb-5B
10klb	C3	BM8G-C3-10klb-5B
15klb	C3	BM8G-C3-15klb-5B



## Specification:

Accuracy class		OIML R60 C3	OIML R60 C4		
Output sensitivity	mV/V	<sup>1)</sup> 2.0 ± 0.004			
Maximum capacity ( E <sub>max</sub> )	t	0.5, 1, 2, 5, 7.5, 10	0.5, 1, 2		
	Klb	2K, 5K, 10K, 15K	2K, 5K,		
Maximum number of load cell intervals ( n <sub>LC</sub> )		3000	4000		
Ratio of minimum LC verification interval Y = E <sub>max</sub> / V <sub>min</sub>		10000	15000		
MDLOR (Z=E <sub>max</sub> / 2*DR)		6000			
Combined Error	%FS	0.0200	0.0170		
Minimum dead load	kg	0			
Safe overload	%FS	150			
Zero balance	%FS	< ± 1.0			
Excitation, recommended voltage	V	5 ~ 12 DC			
Excitation maximum	V	18 DC			
Terminal resistance, input	Ω	<sup>1)</sup> 350 ± 3.5			
Terminal resistance, output	Ω	<sup>1)</sup> 350 ± 3.5			
Insulation impedance	MΩ	≥5000 ( 50VDC )			
Temperature range, compensated	°C	-10~+40			
Temperature range, operating	°C	-35 ~ +65			
Element material		Stainless steel			
Protection class according to DIN 40050		IP68			
Cable Length (4 wire)	m	5			
<b>Connections:</b>	<b>Green Input(+)</b>	<b>Black Input(-)</b>	<b>Red Output(+)</b>	<b>White Output(-)</b>	<b>Transparence (Shield)</b>

1) Output is current calibrated Recommended torque on fixation bolts 110 Nm (0.5→2t) and 540Nm (5t→10t)

## Outline Dimensions in mm

Size in mm (inch)	A	B	C	D	E	L	L1	L2	L3	H	h
0.5T	17.48 ( 0.69 )	30.3 ( 1.19 )	13.9 ( 0.55 )	36.48 ( 1.44 )	101.6 ( 4.0 )	203.2 ( 8 )	19.05 ( 0.75 )	63.5 ( 2.5 )	98.43 ( 3.88 )	47.63 ( 1.88 )	36.5 ( 1.43 )
1T & 2t											
10klb+15klb	25.5 ( 1.0 )	41.4 ( 1.62 )	22.23 ( 0.87 )	47.36 ( 1.86 )	117.48 ( 4.63 )	234.95 ( 9.25 )	20.62 ( 0.81 )	66.7 ( 2.63 )	123.8 ( 4.87 )	69.85 ( 2.75 )	47.64 ( 1.87 )
5t & 7.5t					111 ( 4.37 )					50 (1.96)	
5t-w1			69.85 ( 2.75 )								
5t-w2			69.85 ( 2.75 )								
10t			25(0.98)	55 (2.15)						69.85 (2.75)	58.6

