

Capacity Accuracy Part number

50kg	C3	B3G-C3-50kg-6B
100kg	C3	B3G-C3-100kg-6B
250kg	C3	B3G-C3-250kg-6B
500kg	C3	B3G-C3-500kg-6B
1.0t	C3	B3G-C3-1.0t-6B
2.5t	C3	B3G-C3-2.5t-6B
5.0t	C3	B3G-C3-5.0t-6B
7.5t	C3	B3G-C3-7.5t-6B
10t	C3	B3G-C3-10t-6B
50 lb	N3	B3G-N3-50-6YB
75 lb	N3	B3G-N3-75-6YB
100 lb	N10	B3G-N10-100-6YB
150 lb	N10	B3G-N10-150-6YB
200 lb	N10	B3G-N10-200-6YB
250 lb	N10	B3G-N10-250-6YB
300 lb	N10	B3G-N10-300-6YB
500 lb	N10	B3G-N10-500-6YB
750 lb	N10	B3G-N10-750-6YB
1Klb	N10	B3G-N10-1K-6YB
1.5Klb	N10	B3G-N10-1.5K-6YB
2Klb	N10	B3G-N10-2K-6YB
2.5Klb	N10	B3G-N10-2.5K-6YB
3Klb	N10	B3G-N10-3K-6YB
5Klb	N10	B3G-N10-5K-6YB
10Klb	N10	B3G-N10-10K-6YB
15Klb	N10	B3G-N3-N3-6YB
20Klb	N10	B3G-N3-N3-6YB



Specifications			Temperature effect on zero (%FS/10°C)		
Accuracy Class	OIML R60 C3	NTEP III, III L	N3	0.017	0.02
Rated output (mV/V)	3.0 ± 0.008			Temperature, Compensated (°C)	-10~+40
Combined error (%FS)	0.02	0.03		Temperature, Operating (°C)	-35~+65
Non-linearity (%FS)	0.02	0.03		Excitation, Recommended (V)	5-12(DC)
Non-repeatability (%FS)	0.01			Excitation, Max. (V)	18(DC)
Creep (%FS/30min)	0.02	0.03		Safe Overload (%FS)	150
Input Resistance (Ω)	430 ± 60			Ultimate Overload (%FS)	300
Output Resistance (Ω)	350 ± 3.5			Protection Class	IP 67
Insulation Resistance (MΩ)	≥5000(50VDC)			Cable Length (m)	6
Zero Balance (%FS)	≤1.0			Cable spec	4-wire shielded PU cable φ 5mm
Temperature effect on span (%FS/10°C)	0.014	0.02			

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

Outline Dimensions in mm(inches)						
Capacity	Dimensions					
	L	H	b	B	M	
0.05t, 0.1t (0.05-0.3Klb)	50.8 (2.00)	60.96 (2.40)	11.68 (0.46)	15.06 (0.59)	M8 (1/4-28UNF)	
0.25t, 0.5t (0.5-1.5Klb)	50.8 (2.00)	60.96 (2.40)	18.03 (0.71)	21.41 (0.84)	M12 (1/2-20UNF)	
1t (2.2.5Klb)	50.8 (2.00)	60.96 (2.40)	24.38 (0.96)	27.76 (1.09)	M12 (1/2-20UNF)	
2.5t (3Klb)	76.2 (3.00)	99.06 (3.90)	24.38 (0.96)	27.76 (1.09)	M20×1.5 (1/2-20UNF)	
5Klb	76.2 (3.00)	99.06 (3.90)	24.38 (0.96)	27.76 (1.09)	3/4-16UNF	
5t (10Klb)	74.68 (2.94)	99.06 (3.90)	30.74 (1.21)	34.12 (1.34)	M20×1.5 (3/4-16UNF)	
7.5t (15Klb)	87.38 (3.44)	139.7 (5.50)	37.08 (1.46)	40.46 (1.59)	M24×2 (1-14UNF)	
10t (20Klb)	112.78 (4.44)	177.8 (7.00)	42.93 (1.69)	46.31 (1.82)	M30×2 (5/4-12UNF)	

S-type