



SINGLE ENDED BEAMS



### DIMENSIONS

RATED CAPACITY	C	H	L	L1	L2	L3	L4	W	T
<b>563YSBK:</b>									
<b>kg/mm</b>									
200	13.0	12.7	128.5	76.2	25.4	14.2	54.0	31.8	M12
250-500	13.0	15.9	128.5	76.2	25.4	14.2	54.0	31.8	M12
1,000	13.0	19.1	128.5	76.2	25.4	14.2	54.0	31.8	M12
2,000	13.0	25.4	128.5	76.2	25.4	14.2	54.0	31.8	M12
<b>lb/inches</b> (conversion of above dimensions)									
441	0.51	0.50	5.06	3.00	1.00	0.56	2.12	1.25	M12
551-1,102	0.51	0.63	5.06	3.00	1.00	0.56	2.12	1.25	M12
2,205	0.51	0.75	5.06	3.00	1.00	0.56	2.12	1.25	M12
4,409	0.51	1.00	5.06	3.00	1.00	0.56	2.12	1.25	M12
<b>563YSBKUN:</b>									
<b>kg/mm</b>									
200	13.0	12.7	128.5	76.2	25.4	14.2	54.0	31.8	1/2-20 UNF
250-500	13.0	15.9	128.5	76.2	25.4	14.2	54.0	31.8	1/2-20 UNF
1,000	13.0	19.1	128.5	76.2	25.4	14.2	54.0	31.8	1/2-20 UNF
2,000	13.0	25.4	128.5	76.2	25.4	14.2	54.0	31.8	1/2-20 UNF
<b>lb/inches</b> (conversion of above dimensions)									
441	0.51	0.50	5.06	3.00	1.00	0.56	2.12	1.25	1/2-20 UNF
551-1,102	0.51	0.63	5.06	3.00	1.00	0.56	2.12	1.25	1/2-20 UNF
2,205	0.51	0.75	5.06	3.00	1.00	0.56	2.12	1.25	1/2-20 UNF
4,409	0.51	1.00	5.06	3.00	1.00	0.56	2.12	1.25	1/2-20 UNF

### SPECIFICATIONS

<b>Full Scale Output</b>	2.0 mV/V ± 0.1%	<b>Recommended Excitation</b>	10V (15V Maximum)
<b>Zero Balance</b>	± 0.02 mV/V	<b>Insulation Resistance</b>	>2 [ 50V DC ] GΩ
<b>Non-linearity</b>	< ± 0.023%	<b>Compensated Temperature Range</b>	-10°C to 50°C / 14°F to 122°F
<b>Repeatability</b>	< ± 0.017%	<b>Safe Overload</b>	150% of full scale
<b>Hysteresis Error</b>	< ± 0.023%	<b>Breaking Overload</b>	300% of full scale
<b>Creep in 30 min.</b>	< ± 0.023%	<b>Seal Type / IP Rating</b>	Environmentally Sealed / IP67
<b>Input Resistance</b>	1100Ω ± 50	<b>Cable Color Code</b>	Exc+ Red      Exc- Black
<b>Output Resistance</b>	1000Ω ± 5		Sig+ Green      Sig- White
<b>Element Material</b>	2Cr13 Stainless Steel		Shield Bare

### PART NUMBER\*

Rated Capacity	Part No.	Weight Approx. (kg)
200kg	563YSBK-200kg-YZ	0.4
	563YSBKUN-200kg-YZ	0.4
250kg	563YSBK-250kg-YZ	0.4
	563YSBKUN-250kg-YZ	0.4
500kg	563YSBK-500kg-YZ	0.4
	563YSBKUN-500kg-YZ	0.4
1t	563YSBK-1t-YZ	0.6
	563YSBKUN-1t-YZ	0.6
2t	563YSBK-2t-YZ	0.8
	563YSBKUN-2t-YZ	0.8

### INTERCHANGEABLE REFERENCE

Brand	Model
Flintec	BK2

\* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.