

SINGLE ENDED BEAMS

DIMENSIONS

| RATED CAPACITY | C1 | C2 | C3 | C4 | H | L | L1 | L2 | L3 | W | W1 |
|---|------|------|------|------|------|-------|------|------|------|------|------|
| Klb/inches | | | | | | | | | | | |
| 1-4 | 0.44 | 0.92 | 0.60 | 0.53 | 1.25 | 5.12 | 3.00 | 1.00 | 0.62 | 1.25 | 0.62 |
| 5-10 | 0.56 | 1.20 | 0.86 | 0.78 | 1.50 | 6.75 | 3.75 | 1.50 | 0.75 | 1.50 | 0.90 |
| kg/mm (conversion of above dimensions) | | | | | | | | | | | |
| 453.6-1,814.4 | 11.2 | 23.4 | 15.2 | 13.5 | 31.8 | 130.1 | 76.2 | 25.4 | 15.8 | 31.8 | 15.8 |
| 2,268.0-4,535.9 | 14.2 | 30.5 | 21.8 | 19.8 | 38.1 | 171.5 | 95.3 | 38.1 | 19.1 | 38.1 | 22.9 |

| SPECIFICATIONS | | | |
|-------------------|----------------------------|-------------------------------|-------------------------------|
| Full Scale Output | 3.0 mV/V \pm 0.25% | Recommended Excitation | 10V (15V Maximum) |
| Zero Balance | \pm 0.02 mV/V | Insulation Resistance | >2 [50V DC] G Ω |
| Non-linearity | < \pm 0.017% | Compensated Temperature Range | -10°C to 50°C / 14°F to 122°F |
| Repeatability | < \pm 0.017% | Safe Overload | 150% of full scale |
| Hysteresis Error | < \pm 0.017% | Breaking Overload | 300% of full scale |
| Creep in 30 min. | < \pm 0.023% | Seal Type / IP Rating | Environmentally Sealed / IP67 |
| Input Resistance | 350 Ω \pm 7 | Cable Color Code | Exc+ Red Exc- Black |
| Output Resistance | 350 Ω \pm 3 | | Sig+ Green Sig- White |
| Element Material | Alloy Steel, Nickel Plated | | Shield Bare |

| PART NUMBER* | | |
|----------------|---------------------|---------------------|
| Rated Capacity | Part No. | Weight Approx. (kg) |
| 1Klb..... | 563YHRT-1Klb..... | 1.0 |
| 2.5Klb..... | 563YHRT-2.5Klb..... | 1.0 |
| 4Klb..... | 563YHRT-4Klb..... | 1.0 |
| 5Klb..... | 563YHRT-5Klb..... | 1.7 |
| 10Klb..... | 563YHRT-10Klb..... | 1.7 |

| INTERCHANGEABLE REFERENCE | |
|---------------------------------|----------|
| Brand | Model |
| Artech..... | 30410 |
| Coti Global..... | CG-30410 |
| Vishay Revere Transducers | 5723 |

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

- 1Klb-2.5Klb: NTEP 1:5 000 Class III, Single Cell;
NTEP 1:9 500 Class III, Multiple Cell
- 4Klb-10Klb: NTEP 1:6 000 Class III, Single Cell;
NTEP 1:10 000 Class III, Multiple Cell
- 2.5Klb-5Klb: OIML MAA C4, Y=15 000;
10Klb: OIML MAA C6, Y=8 500
- For further available P/N's & specifications per NTEP/OIML classes, please contact us.

Product Datasheet Disclaimer

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