

### FEATURES

- Ideal for OEM Applications
- Can be utilized to measure force, pressure, and displacement for OEM Applications
- Light Weight

### SPECIFICATIONS

#### ELECTRICAL

|                         |   |
|-------------------------|---|
| Rated Output (RO)       | 1 mV/V nom  |
| Excitation (VDC or VAC) | 18 max  |
| Bridge Resistance       | 1000 Ohm nom  |
| Insulation Resistance   | ≥500 MOhm @ 50 VDC  |
| Connection              | #28 AWG, 4 conductor, braided shielded PVC cable<br>1 ft [0.3 m] long |
| Wiring Code             | WC3   |

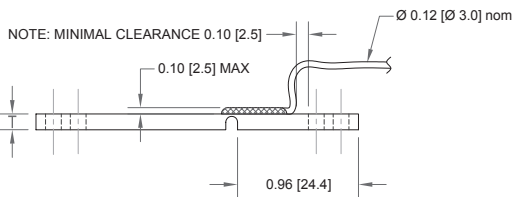
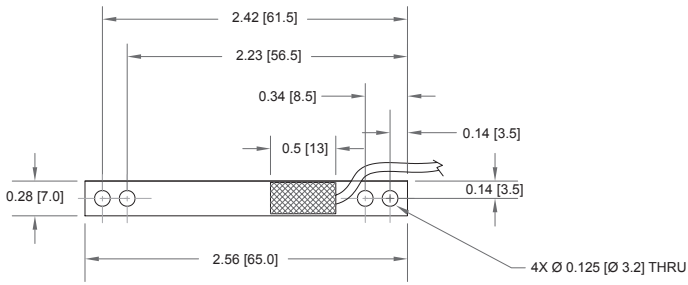
#### MECHANICAL

|               |                         |
|---------------|-------------------------|
| Weight        | 1 oz [28 g]             |
| Safe Overload | 150% of RO              |
| Material      | 17-4 PH stainless-steel |
| IP Rating     | IP64                    |

#### TEMPERATURE

|                         |                                       |
|-------------------------|---------------------------------------|
| Operating Temperature   | -45 to 200°F [-42 to 93°C]            |
| Compensated Temperature | 60 to 160°F [15 to 72°C]              |
| Temperature Shift Zero  | ±0.02% of RO/°F [0.036% of RO/°C]     |
| Temperature Shift Span  | ±0.02% of Load/°F [0.036% of Load/°C] |

**DIMENSIONS** inches [mm]

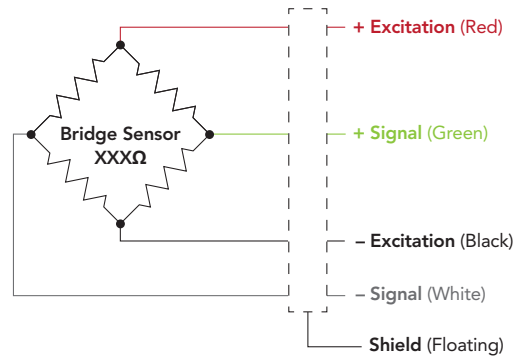


**CAPACITIES**

| ITEM #   | lb  | N    | Deflection (in) | Natural Frequency (Hz) | T          |
|----------|-----|------|-----------------|------------------------|------------|
| F5H00887 | 1/4 | 1.1  | 0.007           | 150                    | 0.12 [3]   |
| F5H00888 | 1/2 | 2.2  | 0.010           | 180                    | 0.12 [3]   |
| F5H00889 | 1   | 4.5  | 0.009           | 270                    | 0.12 [3]   |
| F5H00891 | 5   | 22   | 0.007           | 570                    | 0.18 [4.6] |
| F5H00892 | 10  | 44.5 | 0.009           | 700                    | 0.18 [4.6] |
| F5H00893 | 25  | 111  | 0.020           | 730                    | 0.18 [4.6] |

**WIRING CODE (WC3)**

|        |              |
|--------|--------------|
| RED    | + EXCITATION |
| WHITE  | - EXCITATION |
| BLACK  | + SIGNAL     |
| GREEN  | - SIGNAL     |
| SHIELD | FLOATING     |



Drawing Number: F11049-E

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