**5/8 INCH (M16*) SENSORS CONTINUED (All dimensions for reference only. mm/[in])**

*Contact Honeywell for availability of metric mounting thread versions.

**NOMINAL RESISTANCE COILS FOR LOW IMPEDANCE LOAD APPLICATIONS**

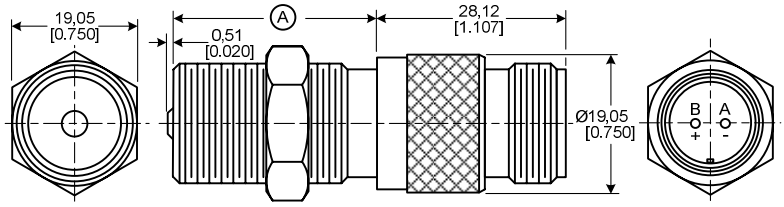
**General Specifications**

| Parameter | Characteristic | Parameter | Characteristic |
|---|---|---|---|
| Min. output voltage | 45 Vp-p | Inductance | 85 mH max. |
| Coil resistance | 141 Ohm typ. | Gear pitch range | 12 DP (module 2.11) or coarser |
| Pole piece diameter | 4,75 mm [0.187 in] | Optimum actuator | 8 DP (module 3.17) |
| Min. surface speed | 0,38 m/s [15 in/s] typ. | Max. operating frequency | 40 kHz typ. |
| Operating temp. range | -55 ºC to 230 ºC [-67 ºF to 450 ºF] | Vibration | N/A |
| Mounting Thread | 5/8-18 UNF-2A | Termination | MS3106 Connector |

**Test Condition Specifications**

| Parameter | Characteristic |
|---|---|
| Surface speed | 25 m/s [1000 in/s] |
| Gear | 8 DP (module 3.17) |
| Air gap | 0,127 mm [0.005 in] |
| Load resistance | 1.25 kOhm |

| Catalog Listing | Thread Length (A) | Weight |
|---|---|---|
| 3040HTB | 28 mm [1.1 in] | 70 g [2.5 oz] |
| 3040HTB25 | 63 mm [2.5 in] | 84 g [3.0 oz] |



# High Temperature

**5/8 INCH SEALED FRONT-END SENSORS (All dimensions for reference only. mm/[in])**
(No metric available.)

**NOMINAL RESISTANCE COILS FOR LOW IMPEDANCE LOADS APPLICATIONS**

**General Specifications**

| Parameter | Characteristic | Parameter | Characteristic |
|---|---|---|---|
| Min. output voltage | 60 Vp-p | Inductance | 85 mH max. |
| Coil resistance | 120 Ohm to 162 Ohm | Gear pitch range | 12 DP (module 2.11) or coarser |
| Pole piece diameter | 4,39 mm [0.173 in] | Optimum actuator | 8 DP (module 3.17) |
| Min. surface speed | 0,38 m/s [15 in/s] typ. | Max. operating frequency | 40 kHz typ. |
| Operating temp. range | -54 ºC to 220 ºC [-65 ºF to 428 ºF] | Vibration | N/A |
| Mounting Thread | 5/8-18 UNF-2A | Termination | MS3106 connector |

**Test Condition Specifications**

| Parameter | Characteristic |
|---|---|
| Surface speed | 25 m/s [1000 in/s] |
| Gear | 8 DP (module 3.17) |
| Air gap | 0,127 mm [0.005 in] |
| Load resistance | 1.25 kOhm |

| Catalog Listing | Weight |
|---|---|
| MA243HT | 98 g [3.5 oz] |