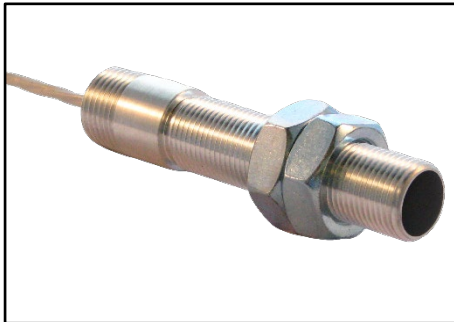
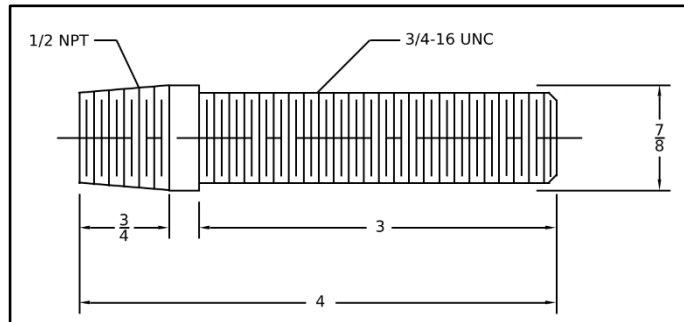




High Temperature Hall-Effect Sensor Model HTS0404



Model HTS0404, Hall-Effect Sensor



Dimensions (in inches) and Threads

General Specifications

Operating Voltage Range: 3-24 VDC
Operating Temperature: -40°F to 300°F
Operating Frequency: 25 kHz Maximum
Digital Output Hall Effect Sensor Type:
 3 wire, sinking signal (NPN) standard.
Output Signal: Square Wave
Supply Current: 6 mA
Output Current: 20 mA Max.
Vibration Tolerant
Magnetic Pole Detect:
 North and South (Positive and Negative field)
Housing Material: Aluminum

Cable: 3 Conductor, 20 AWG, Shielded
Sensing Distance to Target (Gap):
 Sold Separately:
 1/8" to 3/8" using Phares HD Magnetic Disk.
 3/4" Maximum using Phares Standard Magnetic Disk.
 3/4" maximum using Magnet Part No. SM-100
 1-1/4" maximum using Magnet Part No. RM-100
Conforms to the following standards:
 CAN/CSA C22.2 No. 61010-1:2012
 UL 61010-1:2012
 EN 61010-1:2012
 IP68

Part Number Chart

HTS0404- X

Sample Part Nos. HTS0404-06, HTS0404-10

Model No.	Temperature Range	X - Cable Length
HTS0404	-40° F to 300° F	6 Ft, 10 Ft

Options

- Custom Cable Length
- Custom Housing Length
- Sourcing (PNP)
- Internal pull-up resistor