

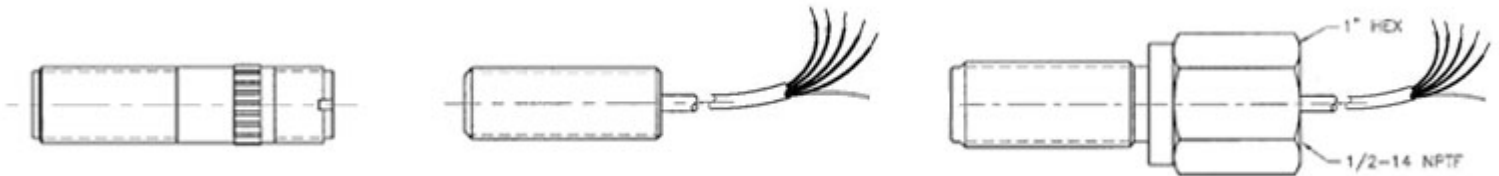
**Supply Voltage (Vs):** 8.5 - 30 Vdc @ 13 mA  
**Pulse Out (Vo):** 0 - 5V (TTL), Open Collector (NPN or PNP)  
**Frequency Range:** 0 to 25 kHz (Std), depending on target size and distance  
**Air Gap:** 0.16" (4mm) Max. depending on target mass  
**Temp. Ranges:** **2TE:** -40° to 220° F (-40° to 120° C)  
**3TE:** -45° to 300° F (-40° to 150° C)

**DIGISPEC Hall Effect Quadrature Sensors** provide two digital output signals, 90° out of phase to each other, detecting speed (down to true zero speed) and direction of rotation of gear teeth and ferrous targets.

5/8 Thread Size: 5/8-18 UNF, 11/16-24, 3/4-20, M18x1.5  
11/16 Length (L): 2.1" to 5" (54 to 130 mm)  
3/4  
M18

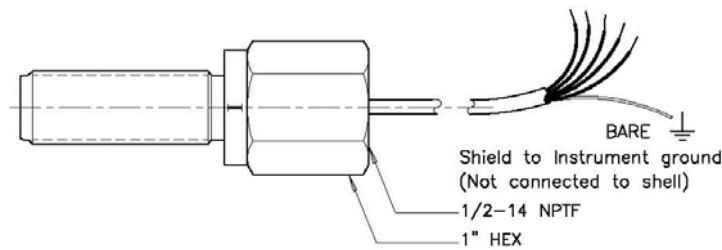
**0190 Series - Connector**

**0191 Series - Lead Wires**



3/4 Thread Size: 3/4-16, 3/4-20  
Length (L): 3.15" (79.5 mm)

**0193Y**



Detailed specification sheets are available for each sensor listed; please contact Spectec for more information.