

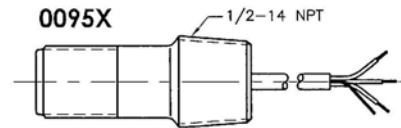
**Supply Voltage (Vs):** 7 - 30 Vdc @ 15 mA  
**Pulse Out (Vo):** 0 - Vs, 0 - 5V (TTL), 0 - 10 V, Open Collector (NPN or PNP)  
**Frequency Range:** 0.5 Hz to 5 kHz  
**Air Gap:** 0.16" (4mm) Max., depending on target mass and velocity.  
**Temp. Ranges:** **2TE:** -40° to 220° F (-40° to 120° C)  
**3TE:** -40° to 290° F (-40° to 145° C)

SPECTEC's RF pickups are active sensors driven by an external RF ("carrier") signal conditioner. Together they complete an oscillating circuit. The output of this circuit is amplitude modulated when a ferrous object passes by the pickup coil. This change in modulation of the carrier frequency is converted into a square wave pulse by the signal conditioner for computing and/or further processing. DIGISPEC RF pickups have good **EMI protection** and **reverse polarity protection**.

**DIGISPEC RF flow meter sensors** are available in open face design for greater sensitivity or closed face design for greater environmental sealing.

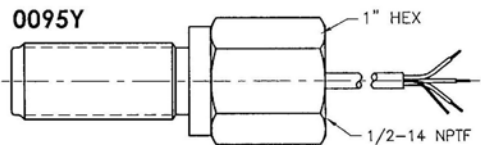
**Custom digital RF pickup sensors or OEM replacement speed sensors available.** An internal temperature probe (NTC10, RTD100 or others) is available which is positioned near the face of the sensor.

**5/8 M16**      **Thread Size:** 5/8-18 UNF, M16x1.5  
**Length (L):** 2.5" to 10" (64 to 250 mm)

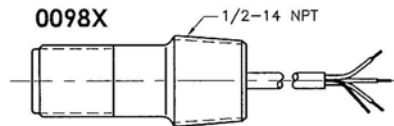
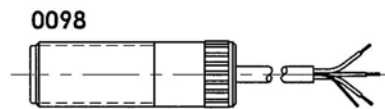


0096  
0096M (M16)

0095  
0095M (M16)



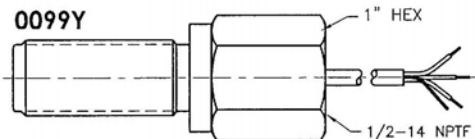
**11/16**      **Thread Size:** 11/16-24  
**Length (L):** 2.1" to 3.5" (54 to 90 mm)



**3/4 M18**      **Thread Size:** 3/4-16, 3/4-20, M18x1.5  
**Length (L):** 2.1" to 10" (54 to 250 mm)

0099  
0099M (M12)

0099L  
0099LM



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