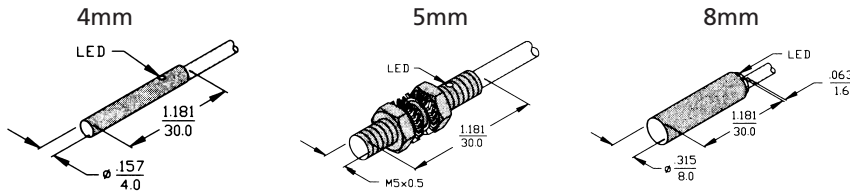
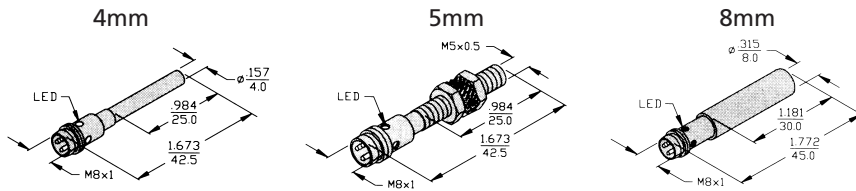


INDUCTIVE SENSORS

Potted-In Cable: Picoprox®



Quick Disconnect: Picofast™

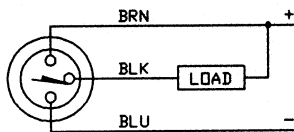


Picoprox and Picofast are registered trademarks of TURCK

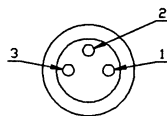
Ripple	<10%.
Differential Travel (Hysteresis)	1-15% (5% typ.)
Voltage Drop Across Conducting Sensor	<1.8 V at 100mA
Trigger Current for Overload protection	>120mA
Continuous Load Current	<100mA
Off-State (Leakage) Current	<10mA
No-Load Current	5.5-9.5 mA
Time Delay Before Availability	<8.0 ms
Power-On False Pulse Suppression	Incorporated

Reverse Polarity Protection	Incorporated
Wire-Break Protection	Incorporated
Transient Protection	1 kV, 0.1 ms, 1kO
Operating Temperature	-25C to + 70C (-13F to + 158F)
Enclosure	Meets NEMA 1,3,4,6,13 and IEC IP 67
Shock	30 g, 11 ms
Vibration	55 Hz, 1 mm Amplitude in all 3 Planes
Repeatability	<2% of rated Operating Distance
LED Function	Red: Output Energized

NPN Wiring Diagram (Sinking)

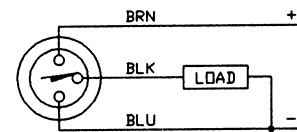


Female Pinout

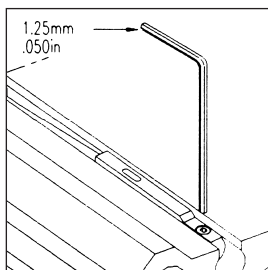


Conductor Colors:
1 = Brown
2 = Black
3 = Blue

PNP Wiring Diagram (Sourcing)



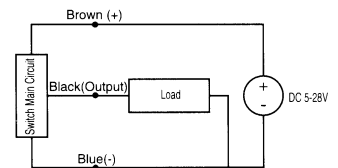
HALL EFFECT SENSORS (SOLID STATE)



NOTE: Maximum torque on set screw is .170 N-m (1.5 in-lbs.)
Do not overtorque.

Output Type	Current Sinking or Sourcing
Input Voltage	5 to 24 V DC
Input Current	25 mA max.
"ON" Voltage Drop	
Sinking	0.4 Volts max.
Sourcing	1.5 Volts max.
Output Current	25mA max.
Power Dissipation	300 mW max.
Turn ON Time	1 μ Seconds
OFF State Leakage	10 μA max.
Temperature Range	-25° to +85°C
Logic	Normally Open

Sourcing (PNP) Output



Sinking (NPN) Output

