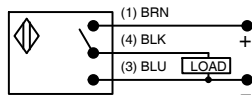


Features

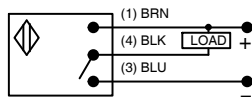
- Metal Housing
- Shielded and Unshielded
- Micro Connector/Cable Types
- RFI Protected
- Short Circuit Protected
- Reverse Polarity Protected
- LED Indicator



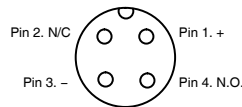
Diag. A – PNP Normally Open



Diag. D – NPN Normally Open



Pinout – Connector Terminated Types

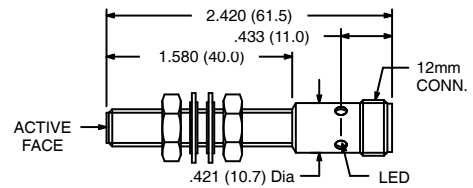


PRX800 Series

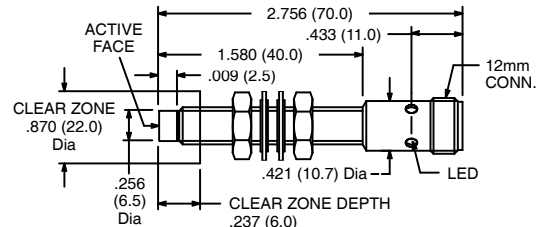


8mm Diameter Inductive Proximity Switches.

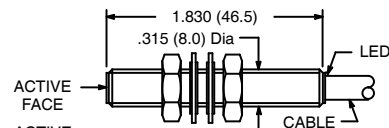
P1



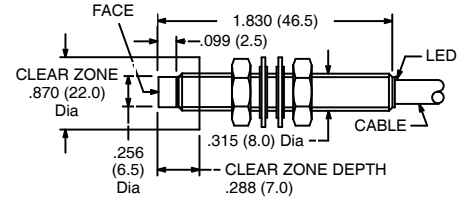
P2



P3



P4



Ratings and Specifications

NTE Type No.	Output Function		AC Types	Style		Termination	Sensing Distance S_n (mm)	Operating Voltage (V)	Maximum Switching Frequency (MHz)	Body Length (mm)	Diag. No.	Wiring Diag.
	DC Types			Shielded Flush Mounting	Unshielded Flush Mounting							
	PNP (Source)	NPN (Sink)										
PRX800	N.O.			■		Cable	1.5	10-30 DC	1000	45	P3	A
PRX801	N.O.				■	Cable	2.5	10-30 DC	1000	45	P4	A
PRX802	N.O.			■		Connector	1.5	10-30 DC	1000	70	P1	A
PRX803	N.O.				■	Connector	2.5	10-30 DC	1000	72.5	P2	A
PRX830		N.O.		■		Cable	1.5	10-30 DC	1000	45	P3	D
PRX831		N.O.			■	Cable	2.5	10-30 DC	1000	45	P4	D
PRX832		N.O.		■		Connector	1.5	10-30 DC	1000	70	P1	D
PRX833		N.O.			■	Connector	2.5	10-30 DC	1000	72.5	P2	D

DC Types (PNP & NPN)

Load Current (Note 1): 200mA Max.

Current Consumption: 25mA Max. (Activated)
12mA Max. (Deactivated)

Voltage Drop: 2.5V Max.

Supply Voltage Ripple: 15% Max.

Output Resistance: 2.2K Ω + Diode & LED

Parallel Cap. to Load: 0.5 μ F Max. @ 24 VDC

Note 1. Rated at Maximum Operating Voltage and Temperature.

General

Operating Temperature: -25° to +70°C

Repeatability: 5% of S_n

Switching Hysteresis: 15% of S_n

Housing: Nickel Plated Brass

Diameter: 8mm

Thread: M8 x 1

Nut Tightning Torque: Cable Types: 4 Ft. Lbs. Max

Connector Types: 8 Ft. Lbs. Max

Cable Length/Wire Size: 3 M/22 AWG

NEMA ratings: 4, 4X, 6, 11, 12, 13, 18

Accessories

PART NO.	DESCRIPTION
PRX9000	DC Connector/Cable Straight
PRX9001	DC Connector/Cable Rt. Angle
PRX9108	Mounting Bracket