

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
<b>3 mm - Embeddable, Miniature Smooth Barrel, Potted-In Cable</b> 	Bi 1-EH03-AN7X*	M1619323	TTL Compatible	1	3-Wire DC NPN
	Bi 1-EH03-AP7X*	M1619322	TTL Compatible	1	3-Wire DC PNP
<b>4 mm - Embeddable, Miniature Smooth Barrel, Potted-In Cable</b> 	Bi 1-EH04-AN6X	S4609640		1	3-Wire DC NPN
	Bi 1-EH04-AP6X	S4609540		1	3-Wire DC PNP
	Bi 1-EH04-Y1	S1003040		1	2-Wire DC NAMUR
<b>5 mm - Embeddable, Miniature Threaded Barrel, Potted-In Cable</b> 	Bi 1-EG05-AN6X	S4609840		1	3-Wire DC NPN
	Bi 1-EG05-AP6X	S4609740		1	3-Wire DC PNP
	Bi 1-EG05-Y1	S1003240		1	2-Wire DC NAMUR

\* Flush mountable only in non-ferrous metals.

For detailed sensor specifications see Section M.  
Normally Closed versions available upon request, consult factory.



Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection	Housing	Face	End Cap	Power LED	Output LED	Cable Length/ Cable Mat.	Wiring Diagram #	Wiring Diagrams
10-30 VDC	5000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<p><b>Diagram 1</b></p>
10-30 VDC	5000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	<p><b>Diagram 2</b></p>
10-30 VDC	3000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<p><b>Diagram 3</b></p>
10-30 VDC	3000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	
5-30 VDC	5000	Remote	-25 to +70	IP 67	SS	PA 12	TROG	N/A	N/A	2M/PVC	3	
10-30 VDC	3000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	
10-30 VDC	3000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	
5-30 VDC	5000	Remote	-25 to +70	IP 67	SS	PA 12	TROG	N/A	N/A	2M/PVC	3	



Barrels

For material descriptions see page M22.