

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
<b>6.5 mm - Embeddable, Miniature Smooth Barrel, Potted-In Cable</b> 	Bi 1.5-EH6.5K-AN6X	S4610640	<i>Short Barrel</i>	1.5	3-Wire DC NPN
	Bi 2-EH6.5K-AN6X	S4610100	<i>Short Barrel</i>	2	
	Bi 1.5-EH6.5K-AP6X	S4610540	<i>Short Barrel</i>	1.5	3-Wire DC PNP
	Bi 2-EH6.5K-AP6X	S4610000	<i>Short Barrel</i>	2	
	Bi 1.5-EH6.5K-Y1	S1004600	<i>Short Barrel</i>	1.5	2-Wire DC NAMUR
	<b>6.5 mm - Embeddable, Miniature Smooth Barrel, Potted-In Cable</b> 	Bi 1.5-EH6.5-AN6X	S4612100		1.5
Bi 2-EH6.5-AN6X		S4612300	<i>Ext. Range</i>	2	
Bi 2U-EH6.5-AN6X		S4281170	<i>Uprox</i>	2	
Bi 1.5-EH6.5-AP6X		S4612000		1.5	3-Wire DC PNP
Bi 1.5U-EH6.5-AP6X			<i>Uprox</i>	1.5	
Bi 2-EH6.5-AP6X		S4612200	<i>Ext. Range</i>	2	
Bi 2U-EH6.5-AP6X		S4281150	<i>Uprox</i>	2	
Bi 1.5-EH6.5-AP6X/S100		S4612001	<i>High Temp. 100°C</i>	1.5	
Bi 1.5-H6.5-Y1X	S4004810			1.5	2-Wire DC NAMUR
<b>6.5 mm - Embeddable, Miniature Smooth Barrel, Potted-In Cable</b> 	Bi 1.5-H6.5M-AN7	S4708100	<i>TTL Compatible</i>	1.5	3-Wire DC NPN

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	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<b>Diagram 1</b> 
	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	<b>Diagram 2</b> 
	3000	≤150	-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	<b>Diagram 3</b> 
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	
	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	
	1000	≤150	-25 to +70	IP 68	SS	PA 12	TROG	N/A	YE	2M/PUR	1	
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	
	2000	≤150	-30 to +85	IP 68	SS	PA 12	TROG	N/A	YE	2M/PUR	2	
	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	
	1000	≤150	-30 to +85	IP 68	SS	PA 12	TROG	N/A	YE	2M/PUR	2	
	3000	Remote	-25 to +100	IP 67	CPB	EPTR	TROG	N/A	YE	2M/PVC	3	
5-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	3	
10-30 VDC	2000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	

Barrels

For material descriptions see page M22.