

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
<b>8 mm - Embeddable, Miniature Threaded Barrel, Side Sensing, Potted-In Cable</b> 	Bi 1.5-GS880-AN6X	S4604501	<i>Side Sensing</i>	1.5	3-Wire DC NPN
	Bi 1.5-GS880-AP6X	S4604401	<i>Side Sensing</i>	1.5	3-Wire DC PNP
	Bi 1.5-GS880-Y0	S1004401	<i>Side Sensing</i>	1.5	2-Wire DC NAMUR
<b>8 mm - Embeddable, Miniature Threaded Barrel, Potted-In Cable</b> 	Bi 2-EG08K-AG41X	S4562010		2	2-Wire DC
	Bi 2-EG08K-AG41X/S1589	S4562091	<i>weldguard®</i>	2	
	Bi 2-EG08K-AG41X/S1610	S4562096	<i>armorguard</i>	2	
	Bi 1.5-EG08K-AN6X	S4669140	<i>Short Barrel</i>	1.5	3-Wire DC NPN
	Bi 2-EG08K-AN6X	S4669500	<i>Short Barrel</i>	2	
	Bi 2-EG08K-AN6X/S1589	S4669587	<i>weldguard</i>	2	
	Bi 2-EG08K-AN6X/S957*	S4669503	<i>Flush Mount</i>	2	
	Bi 1.5-EG08K-AP6X	S4669040	<i>Short Barrel</i>	1.5	3-Wire DC PNP
	Bi 2-EG08K-AP6X	S4669400	<i>Short Barrel</i>	2	
	Bi 2-EG08K-AP6X/S957*	S4669453	<i>Flush Mount</i>	2	
	Bi 2-EG08K-AP6X/S97	S4669413	<i>Low Temp.</i>	2	
	Bi 1.5-EG08K-AP6/S100	S4669016	<b>High Temp. 100°C</b>	1.5	
	Bi 2-EGT08K-AP6X	S4602541		2	
Bi 2-EGT08K-AP6X/S100	S4602544	<b>High Temp. 100°C</b>	2		
Bi 2-EGT08K-AP6X/S1589	S46025413	<b>SS, PTFE, weldguard</b>	2		
Bi 1.5-EG08K-Y1	S1003600	<i>Short Barrel</i>	1.5	2-Wire DC NAMUR	

\* Full flush mounting in steel without reducing 2 mm sensing range.

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> 
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	<b>Diagram 2</b> 
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> 
10-55 VDC	1000	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	4	<b>Diagram 4</b> 
	1000	≤100	-25 to +70	IP 67	SS	WG	TROG	N/A	YE	2M/PUR	4	
	1000	≤100	-25 to +70	IP 67	AG	WG	TROG	N/A	YE	2M/PUR	4	
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<b>Diagram 5</b> 
	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	WG	TROG	N/A	YE	2M/PUR	1	
	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 6</b> 
	3000	≤150	-25 to +70	IP 67	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	
	3000	≤150	-40 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	
	3000	≤150	-25 to +100	IP 67	SS	EPTR	TROG	N/A	YE	2M/PUR	2	
	3000	≤150	-25 to +70	IP 67	SS	WG	TROG	N/A	YE	2M/PUR	2	
	3000	≤150	-25 to +100	IP 67	SS	WG	TROG	N/A	YE	2M/PUR	2	
	3000	≤150	-25 to +70	IP 67	SS	WG	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 7</b> 

Barrels

For material descriptions see page M36.