

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
<b>8 mm - Embeddable, Miniature Threaded Barrel, Potted-In Cable</b> 	Bi 1.5-EG08-Y1	S1003500		1.5	2-Wire DC NAMUR
	Bi 2-EG08-AG41X	S4562000		2	2-Wire DC
<b>8 mm - Embeddable, Miniature Threaded Barrel, Potted-In Cable</b> 	Bi 2-EG08-AG41X/S1589	S4562088	weldguard®	2	2-Wire DC
	Bi 1.5-EG08-AN6X	S4602340		1.5	3-Wire DC NPN
	Bi 1.5U-EG08-AN6X	S4600510	Uprox	1.5	
	Bi 2-EG08-AN6X	S4602140	Ext. Range	2	
	Bi 2-EG08-AN6X/S1589	S4602181	weldguard	2	
	Bi 2U-EG08-AN6X	S4602035	Uprox	2	
	Bi 1.5-EG08-AN7X	S1766110	TTL Compatible	1.5	
	3-Wire DC PNP	Bi 1.5-EG08-AP6X	S4602240		1.5
		Bi 1.5U-EG08-AP6X	S4600500	Uprox	1.5
		Bi 2-EG08-AP6X	S4602040	Ext. Range	2
		Bi 2-EG08-AP6X/S100	S4602047	High Temp. 100°C	2
		Bi 2-EG08-AP6X/S957	S4602008	Flush Mount	2
		Bi 2-EG08-AP6X/S1589	S4602085	weldguard	2
		Bi 2U-EG08-AP6X	S4602032	Uprox	2
		Bi 2-EG08-AZ14X	S4100001		2
Bi 2-EG08-VP6X	S1604610	Comp. Outputs	2	4-Wire DC PNP	
<b>8 mm - Embeddable, Miniature Threaded Barrel, Potted-In Cable</b> 	Bi 2-EG08-AP6X/S1610	S4602086-1	armorguard	2	3-Wire DC PNP
<b>8 mm - Embeddable, Miniature Threaded Barrel, Potted-In Cable, PTFE Coated</b> 	Bi 2-EGT08K-AG41X	S4602545	SS, PTFE, Short Barrel	2	2-Wire DC
<b>8 mm - Embeddable, Miniature Threaded Barrel, Potted-In Cable, PTFE Coated</b> 	Bi 2-EGT08-AG41X	S4602540		2	2-Wire DC
	Bi 2-EGT08-AG41X/S1589	S46020003	SS, PTFE, weldguard	2	
	Bi 2U-EGT08-AN6X	S4602170	Stainless Steel, PTFE	2	3-Wire DC NPN
	Bi 1.5-EGT08-AP6/S100	S4602256	High Temp. 100°C	1.5	3-Wire DC PNP

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
5-30 VDC	5000	Remote	-25 to +70	IP 67	SS	PA 12	TROG	N/A	N/A	2M/PUR	3	<b>Diagram 1</b> 
	1000	≤100	-25 to +70	IP 67	SS	WG	TROG	N/A	YE	2M/PUR	4	<b>Diagram 2</b> 
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	1	<b>Diagram 3</b> 
	2000	≤150	-30 to +85	IP 68	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	
	3000	≤150	-25 to +70	IP 67	SS	WG	TROG	N/A	YE	2M/PUR	1	
	2000	≤150	-30 to +85	IP 68	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	
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	2	<b>Diagram 4</b> 
	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	
	3000	≤150	-25 to +100	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	-25 to +70	IP 67	SS	WG	TROG	N/A	YE	2M/PUR	2	
	2000	≤150	-30 to +85	IP 68	SS	PA 12	TROG	N/A	YE	2M/PUR	2	
20-132 VAC 10-140 VDC	20	≤100	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	5	<b>Diagram 5</b> 
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	TROG	N/A	YE	2M/PUR	6	<b>Diagram 6</b> 
10-30 VDC	3000	£150	-25 to +70	IP 67	AG	WG	TROG	N/A	YE	2M/PUR	2	
10-55 VDC	1000	£100	-25 to +70	IP 67	TC	PA 12	TC	N/A	YE	2M/PUR	4	
10-55 VDC	1000	≤100	-25 to +70	IP 67	TC	PA 12	TC	N/A	YE	2M/PUR	4	
	1000	≤100	-25 to +70	IP 67	SS	WG	TC	N/A	YE	2M/PUR	4	
10-30 VDC	2000	≤150	-30 to +85	IP 68	SS	PA 12	TROG	N/A	YE	2M/PUR	1	
10-30 VDC	2000	≤150	-25 to +100	IP 67	TC	PA 12	TC	N/A	YE	2M/PUR	2	

Barrels

For material descriptions see page M36.