

# 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	
	Bi 1.5-EG08-AP6X	S4602240		1.5	3-Wire DC PNP
	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.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Turck manufacturer](#):*

Other Similar products are found below :

[BI10-M30-AP6X-H1141](#) [BI2-G12-AZ33X-7M](#) [BS4151-0/13.5](#) [NI12U-G18-ADZ30X2-B1331](#) [NI12U-M18-AN4X](#) [BI1.5-G08K-AN6X](#) [BI5-G18-AZ3X](#) [BI5-G18-AZ3X-B1331-50MM](#) [VB20](#) [BMWS 8151-0/9](#) [NI4U-EG08-AN6X-H1341](#) [BC 5-Q08-AP6X2-V1131](#) [NI5-G12-AP6X-H1141](#) [NI14-G18-ADZ30X2](#) [BI5-G18-Y0](#) [C2-A20DX/024VDC](#) [NI35U-CK40-ADZ30X2-B3131](#) [W/BS4](#) [RK40-2M](#) [BI5-G18-AP6X-B1441/S34](#) [RSM FKM RKM 57](#) [BC5-S18-Y1X](#) [FEN20-4DIP-4DXP-DIN](#) [BCF5-S18-RP4X/S90](#) [BI5-M18-AZ3X/S120](#) [BI2-G08-AN6X](#) [NI12U-MT18-AP4X-H1141](#) [BI8U-Q10-AP6X2-V1131](#) [CT 2-A30/M](#) [PT-30HG-13-LI3-H1131](#) [FCS-N1/2A4P-AP8X-H1141](#) [B1N360V-Q20L60-2LU3-H1151](#) [CMBS 8141-0](#) [BI10-M30-AN6X-H1141](#) [CMB 8151-0](#) [RK 4.5T-10](#) [VB80-P7X9-8/CS12](#) [NI12U-M18-AP6X-H1141](#) [RK 4T-6](#) [BS 4131-0/9](#) [B 4241-0/9](#) [NI3-EG08K-Y1-H1341](#) [RK 4.4T-10](#) [RI360P0-QR24M0-INCRX2-H1181](#) [BI10U-Q14-AP6X2-V1131](#) [FDN20-4S-4XSG-E](#) [FKV-CC](#) [FSFD 8](#) [NI4U-EG08-RP6X-V1131](#) [RK 4.4T-8](#) [NI8-M18E-VN4X](#)