

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
<b>8 mm - Embeddable, Miniature Threaded, picofast® Quick Disconnect</b> 	Bi 1.5-EG08K-AN6X-V1131	S4672540	<b>Short Barrel</b>	1.5	3-Wire DC NPN
	Bi 2-EG08K-AN6X-V1131	S4669550	<b>Short Barrel</b>	2	
	Bi 1.5-EG08K-AP6X-V1131	S4672440	<b>Short Barrel</b>	1.5	3-Wire DC PNP
	Bi 2-EG08K-AP6X-V1131	S4669450	<b>Short Barrel</b>	2	
	Bi 2-EG08K-AP6X-V1131/S957*	S4669452	<b>Short Barrel</b>	2	
Bi 1.5-EG08K-Y1-V1131	S1003630	<b>Short Barrel</b>	1.5	2-Wire DC NAMUR	
<b>8 mm - Embeddable, Miniature Threaded, picofast Quick Disconnect</b> 	Bi 1.5-EG08-AN6X-V1131	S4602350		1.5	3-Wire DC NPN
	Bi 1.5U-EG08-AN6X-V1131	S4600530	<b>Uprox</b>	1.5	
	Bi 2-EG08-AN6X-V1131	S4602150	<b>Ext. Range</b>	2	
	Bi 2U-EG08-AN6X-V1131	S4602036	<b>Uprox</b>	2	
	Bi 1.5-EG08-AP6X-V1131	S4602220		1.5	3-Wire DC PNP
	Bi 1.5U-EG08-AP6X-V1131	S4600520	<b>Uprox</b>	1.5	
	Bi 2-EG08-AP6X-V1131	S4602050	<b>Ext. Range</b>	2	
	Bi 2-EG08-AP6X-V1131/S1589	S4602050-1	<b>weldguard®</b>	2	
	Bi 2-EGT08-AP6X-V1131/S100	S4602263	<b>SS, PTFE</b>	2	
	Bi 2-EGT08-AP6X-V1131/S100/S1589	S4602072	<b>SS PTFE, weldguard</b>	2	
Bi 2U-EG08-AP6X-V1131	S4602033		2		
Bi 1.5-EG08-Y1-V1131	S1003530		1.5	2-Wire DC NAMUR	
<b>8 mm - Embeddable, Miniature Threaded, picofast Quick Disconnect</b> 	Bi 2-G08K-AP6X-V1131	S4672803	<b>Ext. Range, Short Barrel</b>	2	3-Wire DC PNP
<b>8 mm - Embeddable, Miniature Threaded, picofast Quick Disconnect</b> 	Bi 2-G08-AP6X-V1131	S4602002			3-Wire DC PNP

\*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	Power LED	Output LED	Mating Cordset	Wiring Diagram #	Wiring Diagrams
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	PKG 3Z-*	1	<b>Diagram 1</b> 
	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	PKG 3Z-*	1	
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	PKG 3Z-*	2	<b>Diagram 2</b> 
	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	PKG 3Z-*	2	
	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	PKG 3Z-*	2	
5-30 VDC	5000	Remote	-25 to +70	IP 67	SS	PA 12	N/A	N/A	PKG 3Z-*	3	<b>Diagram 3</b> 
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	PKG 3Z-*	1	
	2000	≤150	-30 to +85	IP 68	SS	PA 12	N/A	YE	PKG 3Z-*	1	
	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	PKG 3Z-*	1	
10-30 VDC	1000	≤150	-30 to +85	IP 68	SS	PA 12	N/A	YE	PKG 3Z-*	1	
	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	PKG 3Z-*	2	
	2000	≤150	-30 to +85	IP 68	SS	PA 12	N/A	YE	PKG 3Z-*	2	
	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	PKG 3Z-*	2	
	3000	≤150	-25 to +70	IP 67	SS	WG	N/A	YE	PKG 3M-*/S1587	2	
	3000	≤150	-25 to +100	IP 67	SS	TC	N/A	YE	PKG 3Z-*	2	
	3000	≤150	-25 to +100	IP 67	SS	WG	N/A	YE	PKG 3M-*/S1587	2	
5-30 VDC	5000	Remote	-25 to +70	IP 67	SS	PA 12	N/A	N/A	PKG 3Z-*	3	
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PBT	N/A	YE	PKG 3Z-*	2	
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS		N/A	YE	PKG 3Z-*	2	

Barrels

\*Length in meters.

For material descriptions see page M36.