

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output	
<b>8 mm - Embeddable, Miniature Threaded, eurofast® Quick Disconnect</b>  	Bi 2-EG08K-AG41X-H1341	S4562011	<b>Short Barrel</b>	2	<b>2-Wire DC</b>	
	Bi 2-EG08K-AG41X-H1341/S1589	S4562090	<b>weldguard®</b>	2		
	Bi 2-EGT08K-AG41X-H1341	S4602543	<b>SS, PTFE Coated</b>	2		
	Bi 2-EGT08K-AG41X-H1341/S1589	S4602599	<b>SS, PTFE, weldguard</b>	2		
	Bi 1.5-EG08K-AN6X-H1341	S4669150	<b>Short Barrel</b>	1.5	<b>3-Wire DC NPN</b>	
	Bi 2-EG08K-AN6X-H1341	S4669560	<b>Short Barrel</b>	2		
	Bi 1.5-EG08K-AP6X-H1341	S4669050	<b>Short Barrel</b>	1.5	<b>3-Wire DC PNP</b>	
	Bi 2-EG08K-AP6X-H1341	S4669460	<b>Short Barrel</b>	2		
	Bi 2-EG08K-AP6X-H1341/S1589	S4669486	<b>weldguard</b>	2		
	Bi 1.5-EG08K-Y1-H1341	S1003620	<b>Short Barrel</b>	1.5	<b>2-Wire DC NAMUR</b>	
	Bi 1.5-EG08K-Y1X-H1341	S1003640	<b>Short Barrel</b>	1.5		
	<b>8 mm - Embeddable, Miniature Threaded, eurofast Quick Disconnect</b>  	Bi 2-EG08-AG41X-H1341	S4562001	<b>Ext. Range</b>	2	<b>2-Wire DC</b>
		Bi 2-EG08-AG41X-H1341/S1589	S4562095	<b>weldguard</b>	2	
		Bi 1.5-EG08-AD6X-H1341	S4600203		1.5	
Bi 2-EGT08-AG41X-H1341/S100		S4602542	<b>SS, PTFE Coated</b>	2		
Bi 1.5-EG08-AN6X-H1341		S4602360		1.5	<b>3-Wire DC NPN</b>	
Bi 1.5-EG08-AN7X-H1341		S4602361	<b>TTL Compatible</b>	1.5		
Bi 1.5U-EG08-AN6X-H1341		S4600550	<b>Uprox</b>	1.5		
Bi 2-EG08-AN6X-H1341		S4602160	<b>Ext. Range</b>	2		
Bi 2-EG08-AN6X-H1341/S1589		S4602182	<b>weldguard</b>	2		
Bi 2U-EG08-AN6X-H1341		S4602037	<b>Uprox</b>	2		
Bi 2-EGT08-AN6X-H1341/S100		S4602161	<b>SS, PTFE Coated</b>	2		
Bi 2-EGT08-AN6X-H1341/S100		S4602161		2		
Bi 1.5-EG08-AP6X-H1341		S4602260		1.5	<b>3-Wire DC PNP</b>	
Bi 1.5U-EG08-AP6X-H1341		S4600540	<b>Uprox</b>	1.5		
Bi 2-EG08-AP6X-H1341		S4602060	<b>Ext. Range</b>	2		
Bi 2-EG08-AP6X-H1341/S1589		S4602086	<b>weldguard</b>	2		
Bi 2U-EG08-AP6X-H1341		S4602034	<b>Uprox</b>	2		
Bi 1.5U-EG08-AP6X-H1341/S1589		S4600540-1	<b>Uprox/weldguard</b>	1.5		
Bi 1.5U-EGT08-AP6X-H1341		S4600555	<b>Uprox, SS, PTFE</b>	1.5		
Bi 2-EGT08-AP6X-H1341/S100		S4602257	<b>SS, PTFE Coated</b>	2		
Bi 2-EGT08-AP6X-H1341/S100/S1589		S4602079	<b>SS, PTFE, weldguard</b>	2		
Bi 2-EG08-VN6X-H1341		S4602521	<b>Comp. Outputs</b>	2	<b>4-Wire DC NPN</b>	
Bi 2-EGT08-VN6X-H1341		S4602264	<b>SS, PTFE Coated</b>	2		
Bi 2-EGT08-VN6X-H1341/S1589	S4602589	<b>SS, PTFE, weldguard</b>	2			
Bi 2-EG08-VP6X-H1341	S4602522	<b>Comp. Outputs</b>	2	<b>4-Wire DC PNP</b>		
Bi 1.5-EG08-Y1-H1341	S1003502		1.5	<b>2-Wire DC NAMUR</b>		

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
10-65 VDC	1000	≤100	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4.23T-*	1	<b>Diagram 1</b> 
	1000	≤100	-25 to +70	IP 67	SS	WG	N/A	YE	RK 4.23T-*	1	
	1000	≤100	-25 to +70	IP 67	SS	TC	N/A	YE	RK 4.23T-*		
	1000	≤100	-25 to +70	IP 67	SS	TC	N/A	YE	RK 4.23T-*		
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	3	<b>Diagram 2</b> 
	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	3	
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	4	<b>Diagram 3</b> 
	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	4	
	3000	≤150	-25 to +70	IP 67	SS	WG	N/A	YE	RK 4T-*/S1587	4	
5-30 VDC	5000	Remote	-25 to +70	IP 67	SS	PA 12	N/A	N/A	RK 4.21T-*	5	
	5000	Remote	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4.21T-*	5	
10-65 VDC	1000	≤100	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4.23T-*	1	<b>Diagram 4</b> 
	1000	≤100	-25 to +70	IP 67	SS	WG	N/A	YE	RK 4.23T-*	1	
	1000	≤100	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4.23T-*	2	
	1000	≤100	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4.23T-*	1	
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	3	<b>Diagram 5</b> 
	2000	≤150	-25 to +70	IP 68	SS	PA 12	N/A	YE	RK 4T-*	3	
	2000	≤150	-30 to +85	IP 67	SS	PA 12	N/A	YE	RK 4T-*	3	
	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	3	
	3000	≤150	-25 to +70	IP 67	SS	WG	N/A	YE	RKG 4T-*/S1587	3	
	1000	≤150	-35 to +85	IP 68	SS	PA 12	N/A	YE	RK 4T-*	3	
	3000	≤150	-25 to +100	IP 67	TC	TC	N/A	YE	RK 4T-*	3	
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	4	<b>Diagram 6</b> 
	2000	≤150	-30 to +85	IP 68	SS	PA 12	N/A	YE	RK 4T-*	4	
	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	4	
	3000	≤150	-25 to +70	IP 67	SS	WG	N/A	YE	RKG 4T-*/S1587	4	
	1000	≤150	-35 to +85	IP 68	SS	PA 12	N/A	YE	RK 4T-*	4	
	2000	≤150	-30 to +85	IP 67	SS	WG	N/A	YE	RK 4T-*/S1587	4	
	2000	≤150	-30 to +85	IP 67	TC	TC	N/A	YE	RK 4T-*	4	
	3000	≤150	-25 to +100	IP 67	TC	TC	N/A	YE	RK 4T-*	4	
	3000	≤150	-25 to +100	IP 67	TC	TC	N/A	YE	RK 4T-*/S1587	4	
10-30 VDC	3000	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4.4T-*	6	<b>Diagram 7</b> 
	3000	≤200	-25 to +70	IP 67	SS	TC	N/A	YE	RK 4.4T-*	6	
	3000	≤200	-25 to +70	IP 67	SS	TC	N/A	YE	RK 4.4T-*/S1587	6	
10-30 VDC	3000	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4.4T-*	7	
5-30 VDC	5000	Remote	-25 to +70	IP 67	SS	PA 12	N/A	N/A	RK 4.21T-*	5	

Barrels

\*Length in meters.

For material descriptions see page M36.