

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output	
8 mm - Embeddable, Miniature Threaded, eurofast® Quick Disconnect 	Bi 2-EG08K-AG41X-H1341	S4562011	Short Barrel	2	2-Wire DC	
	Bi 2-EG08K-AG41X-H1341/S1589	S4562090	weldguard®	2		
	Bi 2-EGT08K-AG41X-H1341	S4602543	SS, Teflon Coated	2		
	Bi 2-EGT08K-AG41X-H1341/S1589	S4602599	SS, Teflon, weldguard	2		
	Bi 1.5-EG08K-AN6X-H1341	S4669150	Short Barrel	1.5	3-Wire DC NPN	
	Bi 2-EG08K-AN6X-H1341	S4669560	Short Barrel	2		
	Bi 1.5-EG08K-AP6X-H1341	S4669050	Short Barrel	1.5	3-Wire DC PNP	
	Bi 2-EG08K-AP6X-H1341	S4669460	Short Barrel	2		
	Bi 2-EG08K-AP6X-H1341/S1589	S4669486	weldguard	2		
	Bi 1.5-EG08K-Y1-H1341	S1003620	Short Barrel	1.5	2-Wire DC NAMUR	
	Bi 1.5-EG08K-Y1X-H1341	S1003640	Short Barrel	1.5		
	8 mm - Embeddable, Miniature Threaded, eurofast Quick Disconnect 	Bi 2-EG08-AG41X-H1341	S4562001	Ext. Range	2	2-Wire DC
		Bi 2-EG08-AG41X-H1341/S1589	S4562095	weldguard	2	
		Bi 1.5-EG08-AD6X-H1341	S4600203		1.5	
Bi 2-EGT08-AG41X-H1341/S100		S4602542	SS, Teflon Coated	2	3-Wire DC NPN	
Bi 1.5-EG08-AN6X-H1341		S4602360		1.5		
Bi 1.5-EG08-AN7X-H1341		S4602361	TTL Compatible	1.5		
Bi 1.5U-EG08-AN6X-H1341		S4600550	Uprox	1.5		
Bi 2-EG08-AN6X-H1341		S4602160	Ext. Range	2		
Bi 2-EG08-AN6X-H1341/S1589		S4602182	weldguard	2		
Bi 2U-EG08-AN6X-H1341		S4602037	Uprox	2		
Bi 1.5U-EGT08-AN6X-H1341		S4600558	Uprox	1.5		
Bi 2-EGT08-AN6X-H1341/S100		S4602161	SS, Teflon Coated	2		
Bi 1.5-EG08-AP6X-H1341		S4602260		1.5		3-Wire DC PNP
Bi 1.5U-EG08-AP6X-H1341		S4600540	Uprox	1.5		
Bi 2-EG08-AP6X-H1341		S4602060	Ext. Range	2		
Bi 2-EG08-AP6X-H1341/S1589		S4602086	weldguard	2		
Bi 2U-EG08-AP6X-H1341		S4602034	Uprox	2		
Bi 1.5U-EG08-AP6X-H1341/S1589		S4600540-1	Uprox/weldguard	1.5		
Bi 1.5U-EGT08-AP6X-H1341		S4600555	Uprox, SS, Teflon	1.5		
Bi 2-EGT08-AP6X-H1341/S100		S4602257	SS, Teflon Coated	2		
Bi 2-EGT08-AP6X-H1341/S100/S1589		S4602079	SS, Teflon, weldguard	2	4-Wire DC NPN	
Bi 2-EG08-VN6X-H1341		S4602521	Comp. Outputs	2		
Bi 2-EGT08-VN6X-H1341		S4602264	SS, Teflon Coated	2		
Bi 2-EGT08-VN6X-H1341/S1589		S4602589	SS, Teflon, weldguard	2	4-Wire DC PNP	
Bi 2-EG08-VP6X-H1341		S4602522	Comp. Outputs	2		
Bi 1.5-EG08-Y1-H1341		S1003502		1.5	2-Wire DC NAMUR	

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 4.2T-*	1	<p>Diagram 1</p>
	1000	≤100	-25 to +70	IP 67	SS	WG	N/A	YE	RK 4.2T-*/S1587	1	
	1000	≤100	-25 to +70	IP 67	SS	TC	N/A	YE	RK 4.2T-*		
	1000	≤100	-25 to +70	IP 67	SS	TC	N/A	YE	RK 4.2T-*/S1587		
10-30 VDC	3000	≤150	-25 to +70	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	
10-30 VDC	3000	≤150	-25 to +70	IP 67	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	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	<p>Diagram 3</p>
	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 4.2T-*	1	<p>Diagram 4</p>
	1000	≤100	-25 to +70	IP 67	SS	WG	N/A	YE	RK 4.2T-*/S1587	1	
	1000	≤100	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4.2T-*	2	
	1000	≤100	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4.2T-*	1	
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	3	
	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	-30 to +85	IP 67	TC	TC	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	<p>Diagram 5</p>
	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-*/S1587	4	
10-30 VDC	3000	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4.4T-*	6	<p>Diagram 6</p>
	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	<p>Diagram 7</p>
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.