

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output	
12 mm - Embeddable, eurofast® Connection, Extended Barrel Length 	Bi 2-M12E-AD4X-H1141	T4406590		2	2-Wire Dc	
	Bi 3-M12E-AD4X-H1141	T4405080	Ext. Range	3		
	Bi 2-M12E-AN6X-H1141	T4606602		2	3-Wire DC NPN	
	Bi 3NF-EM12HE-AN6X2-H1141	M1615003	Non-Ferrous	3		
	Bi 3U-EM12E-AN6X-H1141	M1634351	Uprox	3		
	Bi 3U-EM12HE-AN6X2-H1141	M1634311	Stoneface, Uprox	3		
	Bi 3U-EM12HE-AN6X2-H1141/S1589	M1634397	weldguard	3		
	Bi 3U-M12E-AN6X-H1141	M1634151	Uprox	3		
	Bi 4-M12E-AN6X-H1141	T4607193	Ext. Range	4		
	Bi 4-EM12HE-AN6X-H1141/S1589	T4607185	Ext. Range, weldguard	4		
	Bi 2-M12E-AP6X-H1141	T4606599		2	3-Wire DC PNP	
	Bi 3NF-EM12HE-AP6X2-H1141	M1615001	Non-Ferrous	3		
	Bi 3U-EM12E-AP6X-H1141	M1634343	Uprox	3		
	Bi 3U-M12E-AP6X-H1141	M1634148	Uprox	3		
	Bi 3U-EM12HE-AP6X2-H1141	M1634310	Stoneface, Uprox	3		
	Bi 3U-EM12HE-AP6X2-H1141/S1589	M1634398	Uprox, weldguard	3		
	Bi 4-M12E-AP6X-H1141	T4608030	Ext. Range	4		
	Bi 4-EM12HE-AP6X-H1141/S1589	T4607184	Ext. Range, weldguard	4		
	Bi 2-M12E-VN6X-H1141	T1643080	Comp. Output	2	4-Wire DC NPN	
	Bi 3U-M12E-VN4X-H1141	M1580354	Uprox	3		
	Bi 4-M12E-VN6X-H1141	T1643201	Ext. Range	4		
	Bi 2-M12E-VP6X-H1141	T1633080	Comp. Output	2	4-Wire DC PNP	
	Bi 3U-M12E-VP4X-H1141	M1580252	Uprox	3		
	Bi 4-M12E-VP6X-H1141	T4608092	Ext. Range	4		
	Bi 2-M12E-Y0X-H1141	T4606490		2	2-Wire DC NAMUR	
	12 mm - Embeddable, eurofast Connection, Extended Barrel Length, Stainless Steel 	Bi 2-EM12FE-AP6X-H1141	M4614536	Stainless Steel Front Cap	2	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	Power LED	Output LED	Mating Cordset	Wiring Diagram #	Wiring Diagrams
10-65 VDC	1000	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.2T-*	1	Diagram 1
	1000	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.2T-*	1	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	2	Diagram 2
	3000	≤200	0 to +60	IP 67	SS	SF	GN	YE	RK 4T-*	2	
	3000	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	2	
	3000	≤200	-30 to +85	IP 68	SS	PA 12	GN	YE	RKG 4T-*/S600	2	
	3000	≤200	-30 to +85	IP 68	SS	WG	GN	YE	RKG 4T-*/S600	2	
	3000	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	2	
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	2	
	2000	≤200	-25 to +70	IP 67	SS	WG	N/A	YE	RKG 4T-*/S600	2	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	Diagram 3
	3000	≤200	0 to +60	IP 67	SS	PA 12	GN	YE	RK 4T-*	3	
	3000	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	3	
	3000	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	
	3000	≤200	-30 to +85	IP 68	SS	SF	GN	YE	RKG 4T-*/S600	3	
	3000	≤200	-30 to +85	IP 68	SS	WG	GN	YE	RKG 4T-*/S600	3	
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	
	2000	≤200	-25 to +70	IP 67	SS	WG	N/A	YE	RKG 4T-*/S600	3	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	4	Diagram 4
	3000	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	4	
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	4	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	Diagram 5
	3000	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	
5-30 VDC	5000	Remote	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.21T-*	6	Diagram 6
10-30 VDC	180	≤200	-25 to +80	IP 68, 69K	SS	SS	N/A	YE	RKV 4T-*	3	

* Length in meters.

For material descriptions see page M22.