

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
<b>12 mm - Embeddable, eurofast® Connection, Extended Barrel Length</b>  	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 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	
	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	4-Wire DC NPN
	Bi 2-M12E-VN6X-H1141	T1643080	Comp. Output	2	
	Bi 3U-M12E-VN4X-H1141	M1580354	Uprox	3	
	Bi 4-M12E-VN6X-H1141	T1643201	Ext. Range	4	4-Wire DC PNP
	Bi 2-M12E-VP6X-H1141	T1633080	Comp. Output	2	
	Bi 3U-M12E-VP4X-H1141	M1580252	Uprox	3	
	Bi 4-M12E-VP6X-H1141	T4608092	Ext. Range	4	2-Wire DC NAMUR
	Bi 2-M12E-Y0X-H1141	T4606490		2	

For detailed sensor specifications see Section M.  
 Normally Closed versions available upon request, consult factory.

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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	<b>Diagram 1</b> 
	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	<b>Diagram 2</b> 
	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	RKV 4T-*	2	
	3000	≤200	-30 to +85	IP 68	SS	WG	GN	YE	RKC 4T-*/S1587	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	RKC 4T-*/S1587	2	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	<b>Diagram 3</b> 
	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	RKV 4T-*	3	
	3000	≤200	-30 to +85	IP 68	SS	WG	GN	YE	RKC 4T-*/S1587	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	RKC 4T-*/S1587	3	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	4	<b>Diagram 4</b> 
	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	<b>Diagram 5</b> 
	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	<b>Diagram 6</b> 

Barrels

\* Length in meters.

For material descriptions see page M36.