

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
<b>30 mm - Embeddable, eurofast® Connection</b> 	Bi 10-M30-AD4X-H1141	T4417500		10	2-Wire DC
	Bi 12-M30-AD4X-H1141	T4417041	<i>Extended Range</i>	12	
	Bi 10-M30-AN6X-H1141	T4617600		10	3-Wire DC NPN
	Bi 10U-EM30-AN6X-H1141	M1636350	<i>Uprox</i>	10	
	Bi 10U-EM30H-AN6X2-H1141	M1636407	<i>Uprox, Stoneface</i>	10	
	Bi 10U-EM30H-AN6X2-H1141/S1589	M1636490	<i>weldguard®, Uprox</i>	10	
	Bi 10U-M30-AN6X-H1141	M1636150	<i>Uprox</i>	10	
	Bi 10U-M30-AN6X2-H1141	M1636155	<i>Uprox</i>	10	
	Bi 15-M30-AN6X-H1141	T4618600	<i>Extended Range</i>	15	
	Bi 15-EM30H-AN6X-H1141	T4618692	<i>Stoneface, Ext. Range</i>	15	
	Bi 15-EM30H-AN6X-H1141/S1589	T4618693	<i>weldguard</i>	15	
	Bi 10-M30-AP6X-H1141	T4617500		10	3-Wire DC PNP
	Bi 10U-EM30-AP6X-H1141	M1636340	<i>Uprox</i>	10	
	Bi 10U-EM30H-AP6X2-H1141/S1589	M1636491	<i>weldguard, Uprox</i>	10	
	Bi 10U-M30-AP6X-H1141	M1636140	<i>Uprox</i>	10	
	Bi 10U-M30-AP6X2-H1141	M1636145	<i>Uprox</i>	10	
	Bi 15-M30-AP6X-H1141	T4618500	<i>Extended Range</i>	15	
	Bi 15-EM30H-AP6X-H1141	T4618592	<i>Stoneface, Ext. Range</i>	15	
	Bi 15-EM30H-AP6X-H1141/S1589	T4618593	<i>weldguard</i>	15	
	Bi 15-EM30H-AP6X-H1141/S1610	T4618589	<i>Weld/armorguard</i>	15	
	Bi 10-M30-VN4X-H1141	T1571600	<i>Comp. Outputs</i>	10	4-Wire DC NPN
	Bi 10U-M30-VN4X-H1141	M1582352	<i>Uprox, Comp. Outputs</i>	10	
	Bi 15-M30-VN4X-H1141	T4570711	<i>Comp. Outputs</i>	15	4-Wire DC PNP
	Bi 10-M30-VP4X-H1141	T1561600	<i>Comp. Outputs</i>	10	
	Bi 10U-M30-VP4X-H1141	M1582253	<i>Uprox, Comp. Outputs</i>	10	
	Bi 15-M30-VP4X-H1141	T4570710	<i>Comp. Outputs</i>	15	4-Wire DC PNP
	Bi 10-M30-Y1X-H1141	M4020200		10	

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	500	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.2T-*	1	<b>Diagram 1</b> 
	500	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.2T-*	1	
10-30 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	2	<b>Diagram 2</b> 
	2000	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	2	
	2000	≤200	-30 to +85	IP 68	SS	SF	GN	YE	RKV 4T-*	2	
	2000	≤200	-30 to +85	IP 68	SS	WG	GN	YE	RKC 4T-*/S1587	2	
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	2	
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	GN	YE	RK 4T-*	2	
	300	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	2	
	300	≤200	-25 to +70	IP 67	SS	SF	N/A	YE	RKC 4T-*/S1587	2	
10-30 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	<b>Diagram 3</b> 
	2000	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	3	
	2000	≤200	-30 to +85	IP 68	SS	WG	GN	YE	RKC 4T-*/S1587	3	
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	GN	YE	RK 4T-*	3	
	300	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	
	300	≤200	-25 to +70	IP 67	SS	SF	N/A	YE	RKV 4T-*	3	
	300	≤200	-25 to +70	IP 67	SS	WG	N/A	YE	RKC 4T-*/S1587	3	
	300	≤200	-25 to +70	IP 67	AG	WG	N/A	YE	RKC 4T-*/S1587	3	
10-65 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	4	<b>Diagram 4</b> 
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	4	
	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	4	
10-65 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	<b>Diagram 5</b> 
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	
	300	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	
5-30 VDC	2000	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.