

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
<b>18 mm - Embeddable, Ext. Barrel Length, eurofast® Connection</b> 	Bi 5-M18E-AD4X-H1141	T4414591		5	2-Wire DC
	Bi 7-M18E-AD4X-H1141	T4414580	<b>Ext. Range</b>	7	
	Bi 5-M18E-AN6X-H1141	T4614697		5	3-Wire DC NPN
	Bi 5U-M18E-AN6X-H1141	M1635122	<b>Uprox</b>	5	
	Bi 8-EM18HE-AN6X-H1141/S1589	T4615193	<b>weldguard®, Ext. Range</b>	8	
	Bi 8-EM18HE-AN6X-H1141	T4615194	<b>Stoneface, Ext. Range</b>	8	
	Bi 8-M18E-AN6X-H1141	T4615190	<b>Ext. Range</b>	8	
	Bi 5-M18E-AP6X-H1141	T4614589		5	3-Wire DC PNP
	Bi 5U-M18E-AP6X-H1141	M1635103	<b>Uprox</b>	5	
	Bi 8-EM18HE-AP6X-H1141	T4615095	<b>Stoneface</b>	8	
	Bi 8-EM18HE-AP6X-H1141/S1589	T4615096	<b>weldguard, Ext. Range</b>	8	
	Bi 8-M18E-AP6X-H1141	T4615090	<b>Ext. Range</b>	8	
	Bi 8-EM18E-AP6X-H1141	T4615095-2	<b>Ext. Range</b>	8	
	Bi 8U-EM18E-AP6X-H1141	M1634865	<b>Stainless steel</b>	8	
	Bi 8U-EM18M-AP6X2-H1141/S1589	M1644771	<b>Stainless steel, weldguard</b>	8	
	Bi 5-M18E-VN4X-H1141	T1571890	<b>Comp. Output</b>		4-Wire DC NPN
	Bi 5-M18E-VP4X-H1141	T1561890	<b>Comp. Output</b>	5	4-Wire DC PNP
	Bi 8U-M18M-VP44X-H1141	M1634877		8	
<b>18 mm - Embeddable, Ext. Barrel Length, eurofast Connection, PTFE Coated</b> 	Bi 7-MT18HE-AD4X-H1141	T4414597	<b>Stoneface</b>	7	2-Wire DC
	Bi 7-MT18HE-AD4X-H1144	T4414598	<b>Stoneface</b>	7	
	Bi 7-MT18HE-AD4X-H1141/S1589	T4414588	<b>weldguard</b>	7	
	Bi 7-MT18HE-AD4X-H1144/S1589	T4414599	<b>weldguard</b>	7	
	Bi 5U-MT18E-AP6X2-H1141	M1635247		<b>Uprox</b>	5

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	<b>Diagram 1</b> 
	1000	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.2T-*	1	
10-30 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	<b>Diagram 2</b> 
	2500	≤200	-30 to +85	IP 68	CPB	PA 12	N/A	YE	RK 4T-*	3	
	500	≤200	-25 to +70	IP 67	SS	WG	N/A	YE	RKC 4T-*/S1587	3	
	500	≤200	-25 to +70	IP 67	SS	SF	N/A	YE	RKV 4T-*	3	
	500	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	3	
10-30 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	4	<b>Diagram 3</b> 
	2500	≤200	-30 to +85	IP 68	AG	WG	N/A	YE	RK 4T-*	4	
	500	≤200	-25 to +70	IP 67	SS	SF	N/A	YE	RKV 4T-*	4	
	500	≤200	-25 to +70	IP 67	SS	WG	N/A	YE	RKC 4T-*/S1587	4	
	500	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	4	
	500	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RKV 4T-*	4	
	1000	≤200	-30 to +85	IP 68	SS	LCP	N/A	YE	RK 4T-*	4	
	1000	≤200	-30 to +85	IP 68	SS	LCP	N/A	YE	RKC 4T-*/S1587	4	
10-65 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	<b>Diagram 4</b> 
10-65 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	6	<b>Diagram 5</b> 
	1500	≤200	-30 to +85	IP 68	CPB	LCP	N/A	YE	RK 4.4T-*	6	
10-65 VDC	1000	≤100	-25 to +70	IP 67	TC	SF	N/A	YE	RK 4.2T-*	1	<b>Diagram 6</b> 
	1000	≤100	-25 to +70	IP 67	TC	SF	N/A	YE	RK 4.23T-*/S674	2	
	1000	≤100	-25 to +70	IP 67	TC	WG	N/A	YE	RKC 4.2T-*/S1587	1	
	1000	≤100	-25 to +70	IP 67	TC	WG	N/A	YE	RKC 4.23T-*/S1587	2	
10-30 VDC	2500	≤200	-30 to +85	IP 68	TC	TC	GN	YE	RK 4T-*	4	

Barrels

\* Length in meters.

For material descriptions see page M36.