

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
18 mm - Embeddable, Ext. Barrel Length, eurofast® Connection 	Bi 5-M18E-AD4X-H1141	T4414591		5	2-Wire DC
	Bi 7-M18E-AD4X-H1141	T4414580	Ext. Range	7	
	Bi 5-M18E-AN6X-H1141	T4614697		5	3-Wire DC NPN
	Bi 5U-M18E-AN6X-H1141	M1635122	Uprox	5	
	Bi 5NF-EM18HE-AN6X2-H1141	M1615004	Nonferrous	5	
	Bi 8-EM18HE-AN6X-H1141/S1589	T4615193	weldguard®, Ext. Range	8	
	Bi 8-EM18HE-AN6X-H1141	T4615194	Stoneface, Ext. Range	8	
	Bi 8-M18E-AN6X-H1141	T4615190	Ext. Range	8	
	Bi 5-M18E-AP6X-H1141	T4614589		5	3-Wire DC PNP
	Bi 5NF-EM18HE-AP6X2-H1141	M1615000	Nonferrous	5	
	Bi 8-EM18HE-AP6X-H1141	T4615095	Stoneface	8	
	Bi 8-EM18HE-AP6X-H1141/S1589	T4615096	weldguard, Ext. Range	8	
	Bi 8-M18E-AP6X-H1141	T4615090	Ext. Range	8	
	Bi 8-EM18E-AP6X-H1141	T4615095-2	Ext. Range	8	
	Bi 5U-M18E-AP6X-H1141	M1635103	Uprox	5	
	Bi 8-EM18HE-AP6X-H1141/S1610	T4615095-1	armorguard	8	
	Bi 5FE-M18FE-AP6X-H1141	M1615009	Ferrous Only	5	
	Bi 5-M18E-VN4X-H1141	T1571890	Comp. Output	5	4-Wire DC NPN
	Bi 5-M18E-VP4X-H1141	T1561890	Comp. Output	5	4-Wire DC PNP
	18 mm - Embeddable, Ext. Barrel Length, eurofast connection, Teflon Coated 	Bi 7-MT18HE-AD4X-H1141	T4414597	Stoneface	7
Bi 7-MT18HE-AD4X-H1144		T4414598	Stoneface	7	
Bi 7-MT18HE-AD4X-H1141/S1589		T4414588	weldguard	7	
Bi 7-MT18HE-AD4X-H1144/S1589		T4414599	weldguard	7	
Bi 5U-MT18E-AP6X2-H1141		M1635247		Uprox	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	Diagram 1
	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	Diagram 2
	2500	≤200	-30 to +85	IP 68	CPB	PA 12	N/A	YE	RK 4T-*	3	
	2500	≤200	0 to +60	IP 67	SS	SF	GN	YE	RK 4T-*	3	
	500	≤200	-25 to +70	IP 67	SS	WG	N/A	YE	RKG 4T-*/S600	3	
	500	≤200	-25 to +70	IP 67	SS	SF	N/A	YE	RK 4T-*	3	
10-30 VDC	500	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	3	
	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	4	Diagram 3
	2500	≤200	0 to +60	IP 67	SF	PA 12	GN	YE	RK 4T-*	4	
	500	≤200	-25 to +70	IP 67	SS	SF	N/A	YE	RK 4T-*	4	
	500	≤200	-25 to +70	IP 67	SS	WG	N/A	YE	RKG 4T-*/S600	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	RK 4T-*	4	
	2500	≤200	-30 to +85	IP 68	AG	WG	N/A	YE	RKG 4T-*/S600	4	
500	≤200	-25 to +70	IP 67	AG	WG	N/A	YE	RK 4T-*	4		
10-65 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	Diagram 4
	250	≤200	0 to +60	IP 67	CuZn	SS	N/A	YE	RK 4T-*	4	
10-65 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	6	Diagram 5
10-65 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	6	Diagram 6
10-65 VDC	1000	≤100	-25 to +70	IP 67	TC	SF	N/A	YE	RK 4.2T-*	1	Diagram 6
	1000	≤100	-25 to +70	IP 67	TC	SF	N/A	YE	RK 4.2T-*/S674	2	
	1000	≤100	-25 to +70	IP 67	TC	WG	N/A	YE	RKG 4T-*	1	
	1000	≤100	-25 to +70	IP 67	TC	WG	N/A	YE	RKG 4.2T-*/S674	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 M22.