

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	<i>Ext. Range</i>	7		
	Bi 5-M18E-AN6X-H1141	T4614697		5	3-Wire DC NPN	
	Bi 5U-M18E-AN6X-H1141	M1635122	<i>Uprox</i>	5		
	Bi 8-EM18HE-AN6X-H1141/S1589	T4615193	<i>weldguard®, Ext. Range</i>	8		
	Bi 8-EM18HE-AN6X-H1141	T4615194	<i>Stoneface, Ext. Range</i>	8		
	Bi 8-M18E-AN6X-H1141	T4615190	<i>Ext. Range</i>	8		
	Bi 5-M18E-AP6X-H1141	T4614589		5	3-Wire DC PNP	
	Bi 8-EM18HE-AP6X-H1141	T4615095	<i>Stoneface</i>	8		
	Bi 8-EM18HE-AP6X-H1141/S1589	T4615096	<i>weldguard, Ext. Range</i>	8		
	Bi 8-M18E-AP6X-H1141	T4615090	<i>Ext. Range</i>	8		
	Bi 8-EM18E-AP6X-H1141	T4615095-2	<i>Ext. Range</i>	8		
	Bi 5U-M18E-AP6X-H1141	M1635103	<i>Uprox</i>	5		
	Bi 5-M18E-VN4X-H1141	T1571890				4-Wire DC NPN
		Bi 5-M18E-VP4X-H1141	T1561890	<i>Comp. Output</i>	5	4-Wire DC PNP
18 mm - Embeddable, Ext. Barrel Length, eurofast connection, Teflon Coated 	Bi 7-MT18HE-AD4X-H1141	T4414597	<i>Stoneface</i>	7	2-Wire DC	
	Bi 7-MT18HE-AD4X-H1144	T4414598	<i>Stoneface</i>	7		
	Bi 7-MT18HE-AD4X-H1141/S1589	T4414588	<i>weldguard</i>	7		
	Bi 7-MT18HE-AD4X-H1144/S1589	T4414599	<i>weldguard</i>	7		
	Bi 5U-MT18E-AP6X2-H1141	M1635247		<i>Uprox</i>	5	3-Wire DC PNP
18 mm - Embeddable, Ext. Barrel Length, eurofast® Connection, w/armorguard 	Bi 8-EM18HE-AP6X-H1141/S1610	T4615095-1	<i>armorguard</i>	5	3-Wire DC PNP	

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	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	
	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	
10-30 VDC	500	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	3	Diagram 3
	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	
2500	≤200	-30 to +85	IP 68	AG	WG	N/A	YE	RK 4T-*	4	Diagram 4 	
10-65 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	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 4.23T-*/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	
10-30 VDC	500	≤200	-25 to +70	IP 67	AG	WG	N/A	YE	RKC 4T-*/S1587	4	

Barrels

* Length in meters.

For material descriptions see page M36.