

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output	
18 mm - Embeddable eurofast® Connection 	Bi 5-M18-AD4X-H1141	T4414500		5	2-Wire DC	
	Bi 7-M18-AD4X-H1141	T4414541	<i>Extended Range</i>	7		
	Bi 5-EM18-AN6X-H1141	T4614601		5	3-Wire DC NPN	
	Bi 5-M18-AN6X-H1141	T4614600		5		
	Bi 5U-EM18-AN6X-H1141	M1635350	<i>Uprox</i>	5		
	Bi 5U-M18-AN6X-H1141	M1635150	<i>Uprox</i>	5		
	Bi 7-EM18WD-AN6X-H1141	M4614534	<i>Washdown</i>	7		
	Bi 8-M18-AN6X-H1141	T4615100	<i>Extended Range</i>	8		
	Bi 5U-M18-ASIX-H1140	M1901004	<i>Uprox</i>	5	2-Wire ASI-BUS	
	Bi 5-EM18-AP6X-H1141	T4614501		5	3-Wire DC PNP	
	Bi 5-M18-AP6X-H1141	T4614500		5		
	Bi 5U-EM18-AP6X-H1141	M1635340	<i>Uprox</i>	5		
	Bi 5U-M18-AP6X-H1141	M1635140	<i>Uprox</i>	5		
	Bi 7-EM18WD-AP6X-H1141	M4614531	<i>Washdown</i>	7		
	Bi 7-M18WD-AP6X-H1141	M4614529	<i>Washdown</i>	7		
	Bi 8-M18-AP6X-H1141	T4615000	<i>Ext. Range</i>	8		
	Bi 8-EM18H-AP6X-H1141	T4615094	<i>Ext. Range</i>	8		
	Bi 8-EM18H-AP6X-H1141/S1589	T4615099	<i>weldguard</i>	8		
	Bi 5-EM18-VN4X-H1141	T4614699	<i>Comp. Output</i>	5		4-Wire DC NPN
	Bi 5-M18-VN4X-H1141	T1571800	<i>Comp. Output</i>	5		
	Bi 8-M18-VN4X-H1141	T4590702	<i>Ext. Range</i>	8	4-Wire DC PNP	
	Bi 5-M18-VP4X-H1141	T1561800	<i>Comp. Output</i>	5		
	Bi 8-M18-VP4X-H1141	T4590701	<i>Ext. Range</i>	8	4-Wire DC PNP	
		Bi 5-M18-Y1X-H1141	M4015200		5	2-Wire NAMUR
	18 mm - Embeddable eurofast Connection, Stainless Steel 	Bi 5-EM18FM-AP6X-H1141	M4614539	<i>Stainless Steel Front Cap</i>	5	3-Wire DC PNP

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	SS	PA 12	N/A	YE	RKV 4T-*	2	Diagram 2
	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	2	
	2500	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	2	
	2500	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RKV 4T-*	2	
	1000	≤200	-25 to +85	IP 68, 69K	SS	PVDF	N/A	YE	RK 4T-*	2	
18-33 VDC	200	N/A	-30 to +85	IP 68	CPB	PA 12	N/A	YE	RKC 254-*M	7	Diagram 3
	1000	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RKV 4T-*	3	Diagram 4
1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3		
2500	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	3		
2500	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3		
1000	≤200	-25 to +85	IP 68, 69K	SS	PVDF	N/A	YE	RK 4T-*	3		
1000	≤200	-25 to +85	IP 68, 69K	CPB	PA 12	N/A	YE	RK 4T-*	3		
500	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	3		
500	≤200	-25 to +70	IP 67	SS	SF	N/A	YE	RKV 4T-*	3		
10-65 VDC	1000	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RKV 4.4T-*	4	Diagram 5
	1000	≤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	SS	PA 12	N/A	YE	RK 4.4T-*	4	Diagram 6
	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	
10-65 VDC	500	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4.4T-*	5	Diagram 7
	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.21T-*	6	
5-30 VDC	1000	Remote	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.21T-*	6	
10-30 VDC	180	≤200	-25 to +80	IP 68, 69K	SS	SS	N/A	YE	RKV 4T-*	3	
	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	

Barrels

* Length in meters.

For material descriptions see page M22.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Proximity Sensors](#) category:

Click to view products by [Turck](#) manufacturer:

Other Similar products are found below :

[01.001.5653.1](#) [70.340.1028.0](#) [70.360.2428.0](#) [70.364.4828.0](#) [70.810.1053.0](#) [72.360.1628.0](#) [73.363.6428.0](#) [9221350022](#) [980659-1](#) [QT-12](#)
[E2EX10D1NN](#) [E2E-X14MD1-G](#) [E2E-X2D1-G](#) [E2EX2ME2N](#) [E2E-X3D1-N 10M](#) [E2E-X4MD1-G](#) [E2FMX1R5D12M](#) [E2K-F10MC1 5M](#)
[EI1204TBOSL-6](#) [EI5515NPAP](#) [BSA-08-25-08](#) [IC08ANC15PO-K](#) [IMM2582C](#) [25.161.3253.0](#) [25.332.0653.1](#) [25.352.0653.0](#) [25.352.0753.0](#)
[25.523.3253.0](#) [9151710023](#) [922FS1.5C-A4P-Z774](#) [SC606ABV0S30](#) [SM952A126100LE](#) [A1220EUA-T](#) [F3S-A162-U](#) [CL18](#) [QT-08L](#)
[34.110.0010.0](#) [TL-C2MF1-M3-E4](#) [IA08BLF15NOM5](#) [IA08BSF15NOM5](#) [IA12ASF04DOM1](#) [IMM32188C](#) [IS2](#) [IS31SE5000-UTLS2-TR](#)
[34.110.0021.0](#) [34.110.0022.0](#) [CA150-120VACDC](#) [VM18VA3000Q](#) [XS508BSCBL2](#) [XS512BLNAM12](#)