

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output	
18 mm - Embeddable, eurofast® Connection 	Bi 5U-EM18-AN6X-H1141/S395	M1635351	<i>Uprox</i>	5	3-Wire DC NPN	
	Bi 5U-EM18H-AN6X2-H1141/S395	M1635146	<i>Uprox</i>	5		
	Bi 5U-EM18H-AN6X2-H1141/S395/S1589	M1635196	<i>weldguard, Uprox</i>	5		
	Bi 5U-M18-AN6X-H1141/S395	M1635154	<i>Uprox</i>	5		
	Bi 5U-EM18-AP6X-H1141/S395	M1635342	M1635342	<i>Uprox</i>	5	3-Wire DC PNP
	Bi 5U-EM18H-AP6X2-H1141/S395	M1635158	<i>Uprox</i>	5		
	Bi 5U-EM18H-AP6X2-H1141/S395/S1589	M1635197	<i>weldguard, Uprox</i>	5		
	Bi 5U-EM18H-AP6X2-H1141/S395/S1610	M1635198	<i>armorguard</i>	5		
	Bi 5U-EM18M-AP6X2-H1141	M1635349	<i>Uprox</i>	5		
	Bi 5U-M18-AP6X-H1141/S395	M1635141	<i>Uprox</i>	5		
	Bi 8-M18M-AP6X-H1141	T4615083	<i>Extended Range</i>	8		
	Bi 5U-M18M-VN4X-H1141	M1581311	<i>Comp. Output</i>	5	4-Wire DC NPN	
	Bi 5U-M18M-VP4X-H1141	M1581255	<i>Comp. Output</i>	5	4-Wire DC PNP	
	Bi 5U-EM18M-VP4X-H1141	M1581268	<i>Uprox</i>	5		
	18 mm - Embeddable, eurofast Connection, Teflon Coated 	Bi 5U-MT18-AN6X-H1141/S395	M1635251	<i>Uprox</i>	5	3-Wire DC NPN
Bi 5U-MT18H-AN6X2-H1141/S395		M1635225	<i>Uprox</i>	5		
Bi 5U-MT18H-AN6X2-H1141/S395/S1589		M1635290	<i>weldguard, Uprox</i>	5		
Bi 5U-MT18-AP6X-H1141/S395		M1635231	M1635231	<i>Uprox</i>	5	3-Wire DC PNP
Bi 5U-MT18H-AP6X2-H1141/S395		M1635220	<i>Uprox, Stoneface</i>	5		
Bi 5U-MT18H-AP6X2-H1141/S395/S1589		M1635291	<i>weldguard, Uprox</i>	5		
Bi 5U-MT18M-AP6X2-H1141		M1635252	<i>Uprox</i>	5		
Bi 5U-MT18H-AP6X2-H1141/S395/S1610		M1635293	<i>armorguard</i>	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
10-30 VDC	2500	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	1	Diagram 1
	2500	≤200	-30 to +85	IP 68	SS	SF	GN	YE	RKV 4T-*	1	
	2500	≤200	-30 to +85	IP 68	SS	WG	GN	YE	RKG 4T-*/S600	1	
	2500	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	1	
10-30 VDC	2500	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	2	Diagram 2
	2500	≤200	-30 to +85	IP 68	SS	SF	GN	YE	RKV 4T-*	2	
	2500	≤200	-30 to +85	IP 68	SS	WG	GN	YE	RKG 4T-*/S600	2	
	2500	≤200	-30 to +85	IP 68	AG	WG	GN	YE	RKG 4T-*/S600	2	
	2500	≤200	-30 to +85	IP 68	SS	PA 12	GN	YE	RKV 4T-*	2	
	2500	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	2	
	500	≤200	-25 to +75	IP 97	CPB	PA 12	N/A	YE	RK 4T-*	2	
10-65 VDC	2500	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	3	Diagram 3
10-65 VDC	2500	≤200	-30 to +85	IP 67	SS	PA 12	N/A	YE	RK 4.4T-*	4	
10-30 VDC	2500	≤200	-30 to +85	IP 67	TC	TC	N/A	YE	RK 4T-*	1	Diagram 4
	2500	≤200	-30 to +85	IP 67	TC	SF	GN	YE	RK 4T-*	1	
	2500	≤200	-30 to +85	IP 67	TC	WG	GN	YE	RK 4T-*	1	
10-30 VDC	2500	≤200	-30 to +85	IP 67	TC	TC	N/A	YE	RK 4T-*	2	
	2500	≤200	-30 to +85	IP 67	TC	SF	GN	YE	RK 4T-*	2	
	2500	≤200	-30 to +85	IP 67	TC	WG	GN	YE	RK 4T-*	2	
	2500	≤200	-30 to +85	IP 67	TC	TC	GN	YE	RK 4T-*	2	
	2500	≤200	-30 to +85	IP 68	AG	WG	GN	YE	RK 4T-*/S600	2	

Barrels

* Length in meters.

For material descriptions see page M22.