

Inductive Sensors



Housing Style	Part Number	ID	Features	Sensing Range (mm)	Output	
18 mm - Embeddable, eurofast® Connection 	Bi 5U-EM18H-AN6X2-H1141/S395	M1635146	Stoneface, Uprox	5	3-Wire DC NPN	
	Bi 5U-EM18H-AN6X2-H1141/S395/S1589	M1635196	weldguard®, Uprox	5		
	Bi 5U-M18-AN6X-H1141/S395	M1635154	Uprox	5		
	Bi 5U-EM18-AP6X-H1141/S395	M1635342	Uprox	5	3-Wire DC PNP	
	Bi 5U-EM18H-AP6X2-H1141/S395	M1635158	Stoneface, Uprox	5		
	Bi 5U-EM18H-AP6X2-H1141/S395/S1589	M1635197	weldguard, Uprox	5		
	Bi 5U-EM18H-AP6X2-H1141/S395/S1610	M1635198	armorguard	5		
	Bi 5U-EM18M-AP6X2-H1141	M1635349	Uprox	5		
	Bi 5U-M18-AP6X-H1141/S395	M1635141	Stoneface, Uprox	5		
	Bi 8-M18M-AP6X-H1141	T4615083	Extended Range	8		
	Bi 5U-M18M-VN4X-H1141	M1581311	Comp. Output	5	4-Wire DC NPN	
	Bi 5U-M18M-VP4X-H1141	M1581255	Comp. Output	5	4-Wire DC PNP	
	Bi 5U-EM18M-VP4X-H1141	M1581268	Uprox	5		
	18 mm - Embeddable, eurofast Connection, Teflon Coated 	Bi 5U-MT18-AN6X-H1141/S395	M1635251	Uprox	5	3-Wire DC NPN
		Bi 5U-MT18H-AN6X2-H1141/S395	M1635225	Stoneface, Uprox	5	
Bi 5U-MT18H-AN6X2-H1141/S395/S1589		M1635290	weldguard, Uprox	5		
Bi 5U-MT18-AP6X-H1141/S395		M1635231	Stoneface, Uprox	5	3-Wire DC PNP	
Bi 5U-MT18H-AP6X2-H1141/S395		M1635220	Uprox, Stoneface	5		
Bi 5U-MT18H-AP6X2-H1141/S395/S1589		M1635291	weldguard, Uprox	5		
Bi 5U-MT18M-AP6X2-H1141		M1635252	Uprox	5		
Bi 5U-MT18H-AP6X2-H1141/S395/S1610		M1635293	armorguard	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	SF	GN	YE	RKV 4T-*	1	Diagram 1
	2500	≤200	-30 to +85	IP 68	SS	WG	GN	YE	RKC 4T-*/S1587	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	RKC 4T-*/S1587	2	
	2500	≤200	-30 to +85	IP 68	AG	WG	GN	YE	RKC 4T-*/S1587	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	CPB	PA 12	N/A	YE	RK 4.4T-*	4	
	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	RKC 4T-*/S1587	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	RKC 4T-*/S1587	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 M36.