

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
30 mm - Embeddable, eurofast[®] Connection, PTFE Coated 	Bi10U-MT30-AD4X-H1144	M4405074	PTFE	10	2-Wire DC
	Bi10U-MT30H-AD4X-H1144/S1589	M4405096	PTFE, weldguard	10	
	Bi12-MT30H-AD4X-H1141	T4417094	Stoneface	12	
	Bi12-MT30H-AD4X-H1141/S1589	T4417097	weldguard [®]	12	
	Bi12-MT30H-AD4X-H1144	T4417095	Stoneface	12	
	Bi12-MT30H-AD4X-H1144/S1589	T4417098	weldguard	12	
	Bi10U-MT30-AN6X-H1141	M1636250	Uprox	10	3-Wire DC NPN
	Bi10U-MT30-AP6X-H1141	M1636240	Uprox	10	3-Wire DC PNP
	Bi10U-MT30-AP6X2-H1141	M1636245	Uprox	10	
	Bi10U-MT30H-AP6X2-H1141	M1636220	Stoneface, Uprox	10	
	Bi10U-MT30H-AP6X2-H1141/S1589	M1636291	weldguard, Uprox	10	
	Bi15U-MT30-AP6X-H1141	M1636734	PTFE	15	
	Bi15U-MT30-AP6X2-H1141	M1644741	Dual LED's	15	
	Bi15U-MT30-AP6X-H1141/S1589	M16367341	PTFE, weldguard	15	
30 mm - Embeddable, eurofast[®] Connection, PTFE Coated 	Bi10U-MT30H-AP6X2-H1141/S1610	M1636292	weldguard, Uprox,	10	3-Wire DC PNP
30 mm - Embeddable, eurofast Connection, Extended Barrel Length 	Bi10-M30E-AD4X-H1141	T4417501		10	2-Wire DC
	Bi15-M30E-AN6X-H1141	T4618690	Extended Range	15	3-Wire DC NPN
	Bi10U-EM30E-AP6X-H1141	M1636322	Uprox	10	3-Wire DC PNP
	Bi10U-EM30HE-AP6X2-H1141	M1636415	Stoneface, Uprox	10	
	Bi15-M30E-AP6X-H1141	T4618590	Extended Range	15	4-Wire DC NPN
	Bi10-M30E-VN4X-H1141	T1571690	Comp. Outputs	10	
	Bi10-M30E-VP4X-H1141	T1561690	Comp. Outputs	10	

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	-30 to +85	IP 68	TC	LCP	N/A	YE	RK 4T-*	2	Diagram 1
	1000	≤100	-30 to +85	IP 68	TC	WG	N/A	YE	RKC 4T-*/S1587	2	
	500	≤100	-25 to +70	IP 67	TC	SF	N/A	YE	RK 4.2T-*	1	Diagram 2
	500	≤100	-25 to +70	IP 67	TC	WG	N/A	YE	RKC 4.2T-*/S1587	1	
	500	≤100	-25 to +70	IP 67	TC	SF	N/A	YE	RK 4.23T-*/S674	2	
	500	≤100	-25 to +70	IP 67	TC	WG	N/A	YE	RKC 4.23T-*/S1587	2	
10-30 VDC	2000	≤200	-30 to +85	IP 67	TC	TC	N/A	YE	RK 4T-*	3	Diagram 3
10-30 VDC	2000	≤200	-30 to +85	IP 67	TC	TC	N/A	YE	RK 4T-*	4	Diagram 4
	2000	≤200	-30 to +85	IP 67	TC	TC	GN	YE	RK 4T-*	4	
	2000	≤200	-30 to +85	IP 67	TC	SF	GN	YE	RK 4T-*	4	
	2000	≤200	-30 to +85	IP 67	TC	WG	GN	YE	RKC 4T-*/S1587	4	
	750	≤200	-30 to +85	IP 68	TC	LCP	N/A	YE	RK 4T-*	4	
	750	≤200	-30 to +85	IP 68	TC	LCP	GN	YE	RK 4T-*	4	
10-30 VDC	750	≤200	-30 to +85	IP 68	TC	WG	N/A	YE	RKC 4T-*/S1587	4	Diagram 5
	2000	≤200	-30 to +85	IP 67	AG	WG	GN	YE	RKC 4T-*/S1587	4	
10-30 VDC	500	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.2T-*	1	Diagram 6
10-30 VDC	300	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	
10-30 VDC	2000	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	4	
	2000	≤200	-30 to +85	IP 68	SS	SF	GN	YE	RKV 4T-*	4	
	300	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	4	
10-65 VDC	500	≤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	CPB	PA 12	N/A	YE	RK 4.4T-*	6	

Barrels

* Length in meters.

For material descriptions see page M36.