

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
12 mm - Embeddable, eurofast® Connection, Teflon Coated Sensors 	Bi 3-MT12H-AD4X-H1141/S1589	T4405082	weldguard	3	2-Wire DC
	Bi 3-MT12H-AD4X-H1144/S1589	T4405084	weldguard	3	
	Bi 3U-MT12-AN6X-H1141	M1634250	Uprox	3	3-Wire DC NPN
	Bi 4-MT12H-AN6X-H1141	T4607194	Ext. Range, Stoneface	4	
	Bi 4-MT12H-AN6X-H1141/S1589	T4607188	Ext. Range, weldguard	4	
	Bi 2-MT12-AP6X-H1141/S34	M1669020	Weld-field Immune	2	3-Wire DC PNP
	Bi 3U-MT12-AP6X-H1141	M1634240	Uprox	3	
	Bi 3U-MT12-AP6X2-H1141	M1634245	Uprox, Dual-Color LED	3	
	Bi 3U-MT12H-AP6X-H1141	M1634212	Uprox, Stoneface	3	
	Bi 3U-MT12H-AP6X-H1141/S1589	M1634294	Ext. Range, weldguard	3	
	Bi 3U-MT12H-AP6X2-H1141/S1589	M1634293	weldguard	3	
	Bi 4-MT12H-AP6X-H1141	T4607093	Ext. Range, Stoneface	4	
	Bi 4-MT12H-AP6X-H1141/S1589	T4607099	Ext. Range, weldguard	4	
	Bi 2-MT12-Y0X-H1141	T4010093		2	2-Wire DC NAMUR

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	TC	WG	N/A	YE	RK 4.2T-*	1	Diagram 1
	1000	≤100	-25 to +70	IP 67	TC	WG	N/A	YE	RK 4.2T-*/S674	2	
10-30 VDC	3000	≤200	-30 to +85	IP 67	TC	TC	N/A	YE	RK 4T-*	3	Diagram 2
	2000	≤200	-25 to +70	IP 67	TC	SF	N/A	YE	RKG 4T-*/S600	3	
	2000	≤200	-25 to +70	IP 67	TC	WG	N/A	YE	RKG 4T-*/S600	3	
10-30 VDC	2000	≤200	-25 to +70	IP 67	TC	TC	N/A	YE	RK 4T-*	4	Diagram 3
	3000	≤200	-30 to +85	IP 67	TC	TC	N/A	YE	RK 4T-*	4	
	3000	≤200	-30 to +85	IP 67	TC	TC	GN	YE	RK 4T-*	4	
	3000	≤200	-30 to +85	IP 67	TC	TC	N/A	YE	RKG 4T-*/S600	4	
	3000	≤200	-30 to +85	IP 67	TC	WG	N/A	YE	RKG 4T-*/S600	4	
	3000	≤200	-30 to +85	IP 67	TC	WG	GN	YE	RKG 4T-*/S600	4	
	2000	≤200	-25 to +70	IP 67	TC	SF	N/A	YE	RKG 4T-*/S600	4	
	2000	≤200	-25 to +70	IP 67	TC	WG	N/A	YE	RKG 4T-*/S600	4	
5-30 VDC	5000	Remote	-25 to +70	IP 67	TC	TC	N/A	YE	RK 4.21T-*	5	Diagram 4
Diagram 5 											

Barrels

* Length in meters

For material descriptions see page M22.