

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
<b>12 mm - Embeddable, eurofast® Connection, Extended Barrel Length, Teflon Coated Sensors</b>  	Bi 3-MT12E-AD4X-H1141	T4405088-2		3	2-Wire DC
	Bi 3-MT12HE-AD4X-H1141	T4405088	Stoneface	3	
	Bi 3-MT12HE-AD4X-H1144	T4405089	Stoneface	3	
	Bi 3-MT12HE-AD4X-H1141/S1589	T4405086	weldguard®	3	
	Bi 3-MT12HE-AD4X-H1144/S1589	T4405087	weldguard	3	
	Bi 3-MT12HE-AD4X-H1141/S1610	T4405087-1	weldguard	3	
	Bi 3U-MT12HE-AN6X2-H1141	M1634230	Stoneface, Uprox	3	3-Wire DC NPN
	Bi 3U-MT12HE-AN6X2-H1141/S1589	M1634290	Uprox, weldguard	3	
	Bi 4-MT12HE-AN6X-H1141	T4607197	Ext. Range	4	
	Bi 4-MT12HE-AN6X-H1141/S1589	T4607187	Ext. Range, weldguard	4	
	Bi 3U-MT12HE-AN6X2-H1141/S1610	M1634230-1	weldguard	3	
	Bi 3U-MT12E-AP6X2-H1141	M1634248	Uprox	3	3-Wire DC PNP
	Bi 3U-MT12HE-AP6X2-H1141	M1634220	Stoneface, Uprox	3	
	Bi 3U-MT12HE-AP6X2-H1141/S1589	M1634291	Uprox, weldguard	3	
	Bi 4-MT12HE-AP6X-H1141	T4608093	Stoneface, Ext. Range	4	
	Bi 4-MT12HE-AP6X-H1141/S1589	T4608094	Ext. Range, weldguard	4	
	Bi 4-MT12E-AP6X-H1141	T4608093-2	Ext. Range	4	
	Bi 4-MT12HE-AP6X-H1141/S1610	T4608093-1	armorguard	4	

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	TC	N/A	YE	RK 4.2T-*	1	<p><b>Diagram 1</b></p> <p><b>Diagram 2</b></p> <p><b>Diagram 3</b></p> <p><b>Diagram 4</b></p>
	1000	≤100	-25 to +70	IP 67	TC	TC	N/A	YE	RK 4.2T-*	1	
	1000	≤100	-25 to +70	IP 67	TC	TC	N/A	YE	RK 4.23T-*/S674	4	
	1000	≤100	-25 to +70	IP 67	TC	WG	N/A	YE	RK 4.2T-*/S1587	1	
	1000	≤100	-25 to +70	IP 67	TC	WG	N/A	YE	RK 4.23T-*/S1587	4	
	1000	≤100	-25 to +70	IP 67	AG	WG	N/A	YE	RK 4.2T-*/S1587	1	
10-30 VDC	3000	≤200	-30 to +85	IP 67	TC	TC	GN	YE	RK 4T-*	2	<p><b>Diagram 1</b></p> <p><b>Diagram 2</b></p> <p><b>Diagram 3</b></p> <p><b>Diagram 4</b></p>
	3000	≤200	-30 to +85	IP 67	TC	WG	GN	YE	RKC 4T-*/S1587	2	
	2000	≤200	-25 to +70	IP 67	TC	TC	N/A	YE	RK 4T-*	2	
	2000	≤200	-25 to +70	IP 67	TC	WG	N/A	YE	RKC 4T-*/S1587	2	
	3000	≤200	-25 to +70	IP 67	AG	WG	N/A	YE	RKC 4T-*/S1587	2	
10-30 VDC	3000	≤200	-30 to +85	IP 67	TC	TC	GN	YE	RK 4T-*	3	<p><b>Diagram 1</b></p> <p><b>Diagram 2</b></p> <p><b>Diagram 3</b></p> <p><b>Diagram 4</b></p>
	3000	≤200	-30 to +85	IP 67	TC	TC	GN	YE	RKG 4T-*	3	
	3000	≤200	-30 to +85	IP 67	TC	WG	GN	YE	RKC 4T-*/S1587	3	
	2000	≤200	-25 to +70	IP 67	TC	TC	N/A	YE	RK 4T-*	3	
	2000	≤200	-25 to +70	IP 67	TC	WG	N/A	YE	RKC 4T-*/S1587	3	
	2000	≤200	-25 to +70	IP 67	TC	TC	N/A	YE	RK 4T-*	3	
	2000	≤200	-25 to +70	IP 67	AG	WG	N/A	YE	RKC 4T-*/S1587	3	

\* Length in meters.

For material descriptions see page M36.