

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
12 mm - Embeddable, microfast® Connection 	Bi 2-G12-ADZ32X-B3131	T4205001		2	2-Wire AC/DC Short-circuit Protected
	Bi 2U-G12-ADZ32X-B3131	M4281005	Uprox	2	
	Bi 4-G12-ADZ32X-B3131	T4205031	Ext. Range	4	
		Bi 2-G12-AZ33X-B3131	T1304032		2
12 mm - Embeddable, microfast Connection, PTFE Coated 	Bi 2-GT12H-ADZ32X-B3131/S34	T4205093	WFI	2	2-Wire AC/DC Short-circuit Protected
	Bi 2-GT12H-ADZ32X-B3131/S34/S1589	T4205096	WFI/weldguard®	2	
	Bi 2-GT12-ADZ32X-B3131/S34	T4205005	WFI	2	
	Bi 2U-GT12-ADZ32X-B3131	M4281015	Uprox	2	
	Bi 4-GT12H-ADZ32X-B3131	T4205097	Stoneface	4	
	Bi 4-GT12H-ADZ32X-B3131/S1589	T4205087	weldguard	4	
	Bi 2-GT12-AZ33X-B3131/S34	T1304082		2	2-Wire AC/DC
12 mm - Nonembeddable, microfast Connection 	Ni 4-G12-ADZ32X-B3131	T4205201		4	2-Wire AC/DC Short-circuit Protected
	Ni 8U-G12-ADZ32X-B3131	M4281105	Ext. Range, Uprox	8	
		Ni 4-G12-AZ33X-B3131	T1304232		4
12 mm - Nonembeddable, microfast Connection, PTFE Coated 	Ni 4-GT12-ADZ32X-B3131/S34	T4205205	WFI	4	2-Wire AC/DC
	Ni 4-GT12-AZ33X-B3131/S34	T1304292	WFI	4	
	Ni 4-GT12H-ADZ32X-B3131/S34/S1589	T4205293	weldguard	4	
	Ni 8-GT12H-ADZ32X-B3131/S1589	T4205480-1	weldguard	8	
	Ni 8U-GT12-ADZ32X-B3131	M4281115	Uprox	8	

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
20-250 VAC 10-300 VDC	20	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	KB 3T-*	1	<p>Diagram 1</p>
	20	≤100	-30 to +85	IP 67	CPB	PA 12	N/A	YE	KB 3T-*	1	
	20	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	KB 3T-*	1	
20-250 VAC 10-300 VDC	20	≤100	-25 to +70	IP 67	TC	TC	N/A	YE	KB 3T-*	1	
	20	≤100	-25 to +70	IP 67	TC	WG	N/A	YE	KB 3T-*	1	
	20	≤100	-25 to +70	IP 67	TC	TC	N/A	YE	KB 3T-*	1	
	20	≤100	-30 to +85	IP 67	TC	TC	N/A	YE	KB 3T-*	1	
	20	≤100	-25 to +70	IP 67	TC	TC	N/A	YE	KB 3T-*	1	
	20	≤100	-25 to +70	IP 67	TC	TC	N/A	YE	KB 3T-*	1	
20-250 VAC 10-300 VDC	20	≤100	-25 to +70	IP 67	TC	TC	N/A	YE	KB 3T-*	1	
20-250 VAC 10-300 VDC	20	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	KB 3T-*	1	
	20	≤100	-30 to +85	IP 67	CPB	PA 12	N/A	YE	KB 3T-*	1	
20-250 VAC 10-300 VDC	20	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	KB 3T-*	1	
20-250 VAC 10-300 VDC	20	≤100	-25 to +70	IP 67	TC	PA 12	N/A	YE	KB 3T-*	1	
	20	≤100	-25 to +70	IP 67	TC	PA 12	N/A	YE	KB 3T-*	1	
	20	≤100	-25 to +70	IP 67	TC	WG	N/A	YE	KB 3T-*	1	
	20	≤100	-25 to +70	IP 67	TC	WG	N/A	YE	KB 3T-*	1	
	20	≤100	-30 to +85	IP 67	TC	PA 12	N/A	YE	KB 3T-*	1	

Barrels

* Length in meters.

For material descriptions see page M36.