

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output	
<b>12 mm - Embeddable, Potted-In Cable</b> 	Bi 3-GT12K-AD4X/S1610	T4405083-2	<b>armorguard</b>	3	2-Wire DC	
	Bi 2-EG12HK-AN6X/S1589	T4605192	<b>weldguard</b>	2	3-Wire DC NPN	
	Bi 2-G12K-AN6X	T4671200	<b>Short Barrel</b>	2		
	Bi 4-G12K-AN6X	T4670251	<b>Short Barrel</b>	4	3-Wire DC PNP	
	Bi 2-G12K-AP6X	T4670200	<b>Short Barrel</b>	2		
	Bi 4-G12K-AP6X	T4670250	<b>Short Barrel</b>	4	2-Wire DC NAMUR	
	Bi 2-EG12-Y0X	T4012000		2		
	Bi 2-G12-Y0	T1005400		2		
		Bi 2-G12-Y0X	T4010000		2	
	<b>12 mm - Embeddable, Potted-In Cable</b> 	Bi 2-EG12-AN6X	T4605101		2	3-Wire DC NPN
Bi 2-G12-AN6X		T4635500		2		
Bi 2-G12-AN7X		T4730500	<b>TTL Compatible</b>	2		
Bi 4-G12-AN6X		T1690706	<b>Extended Range</b>	4		
		Bi 2-EG12-AP6X	T4605001		2	3-Wire DC PNP
		Bi 2-G12-AP6X	T4635400		2	
<b>12 mm - Embeddable, Potted-In Cable</b> 	Bi 2-G12-ADZ32X	T4205000		2	2-Wire AC/DC Short-circuit Protected	
	Bi 4-G12-ADZ32X	T4205030	<b>Extended Range</b>	4		
		Bi 2-G12-AZ33X	T1304002		2	2-Wire AC
<b>12 mm - Embeddable, Potted-In Cable, PTFE Coated</b> 	Bi 2-GT12-ADZ32X/S34	T4205210	<b>WFI</b>	2	2-Wire AC/DC Short-circuit Protected	
	Bi 2-GT12-AZ33X/S34	T1304052	<b>WFI</b>	2	2-Wire AC/DC	

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	End Cap	Power LED	Output LED	Cable Length / Cable Mat.	Wiring Diagram #	Wiring Diagrams
10-65 VDC	1000	≤100	-25 to +70	IP 67	AG	WG	EPTR	N/A	YE	2M/PVC	1	<b>Diagram 1</b> 
	2000	≤200	-25 to +70	IP 67	WG	WG	EPTR	N/A	YE	2M/PVC	2	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	<b>Diagram 2</b> 
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3	<b>Diagram 3</b> 
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3	
5-30 VDC	5000	Remote	-25 to +70	IP 67	SS	PA 12	EPTR	N/A	YE	2M/PVC	4	<b>Diagram 4</b> 
	5000	Remote	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	N/A	2M/PVC	4	
	5000	Remote	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	4	
10-30 VDC	2000	≤200	-25 to +70	IP 67	SS	PA 12	EPTR	N/A	YE	2M/PVC	2	<b>Diagram 5</b> 
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
	2000	≤150	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
10-30 VDC	2000	≤200	-25 to +70	IP 67	SS	PA 12	EPTR	N/A	YE	2M/PVC	3	
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3	
20-250 VAC 10-300 VDC	20	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	5	
	20	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	5	
35-250 VAC	20	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	5	
20-250 VAC 10-300 VDC	20	≤100	-25 to +70	IP 67	TC	TC	EPTR	N/A	YE	2M/PVC	5	
35-250 VAC	20	≤200	-25 to +70	IP 67	TC	TC	EPTR	N/A	YE	2M/PVC	5	

Barrels

For material descriptions see page M36.