

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
12 mm - Embeddable, Potted-In Cable 	Bi 3-GT12K-AD4X/S1610	T4405083-2	armorguard	3	2-Wire DC
	Bi 2-EG12HK-AN6X/S1589	T4605192	weldguard	2	3-Wire DC NPN
	Bi 2-G12K-AN6X	T4671200	Short Barrel	2	
	Bi 4-G12K-AN6X	T4670251	Short Barrel	4	
	Bi 2-G12K-AP6X	T4670200	Short Barrel	2	3-Wire DC PNP
	Bi 4-G12K-AP6X	T4670250	Short Barrel	4	
	Bi 2-EG12-Y0X	T4012000		2	2-Wire DC NAMUR
	Bi 2-G12-Y0	T1005400		2	
	Bi 2-G12-Y0X	T4010000		2	
12 mm - Embeddable, Potted-In Cable 	Bi 2-EG12-AN6X	T4605101		2	3-Wire DC NPN
	Bi 2-G12-AN6X	T4635500		2	
	Bi 2-G12-AN7X	T4730500	TTL Compatible	2	
	Bi 4-G12-AN6X	T1690706	Extended Range	4	
	Bi 2-EG12-AP6X	T4605001		2	3-Wire DC PNP
	Bi 2-G12-AP6X	T4635400		2	
12 mm - Embeddable, Potted-In Cable 	Bi 2-G12-ADZ32X	T4205000		2	2-Wire AC/DC Short-circuit Protected
	Bi 4-G12-ADZ32X	T4205030	Extended Range	4	
	Bi 2-G12-AZ33X	T1304002		2	2-Wire AC
12 mm - Embeddable, Potted-In Cable, PTFE Coated 	Bi 2-GT12-ADZ32X/S34	T4205210	WFI	2	2-Wire AC/DC Short-circuit Protected
	Bi 2-GT12-AZ33X/S34	T1304052	WFI	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	Diagram 1
10-30 VDC	2000	≤200	-25 to +70	IP 67	WG	WG	EPTR	N/A	YE	2M/PVC	2	Diagram 2
	2000	≤200	-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	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3	Diagram 3
	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	Diagram 4
	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	Diagram 5
	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	Diagram 6
	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	Diagram 7
	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	Diagram 8
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	

For material descriptions see page M36.