

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
12 mm - Embeddable, Potted-In Cable 	Bi 3-EM12WDK-AP6X/S97	M1634307	Washdown Low Temp. -40°C	3	3-Wire DC PNP
12 mm - Embeddable, Potted-In Cable 	Bi 2-M12E-AD4X	T4405083-1		2	2-Wire DC
	Bi 3U-EM12E-AN6X	M1634352	Uprox	3	3-Wire DC NPN
	Bi 3U-M12E-AN6X	M1634126	Uprox	3	
	Bi 3U-EM12E-AP6X	M1634302	Uprox	3	3-Wire DC PNP
	Bi 3U-M12E-AP6X	M1634108	Uprox	3	
	Bi 2-M12E-VN6X	T1640290	Comp. Output	2	4-Wire DC NPN
Bi 4-M12E-VN6X	T1643290	Ext. Range, Comp. Output	4		
12 mm - Embeddable, Potted-In Cable 	Bi 2-EM12D-AP6/S120	M4614512	High Temp. 120°C	2	3-Wire DC PNP
12 mm - Embeddable, Potted-In Cable 	Bi 2-M12T-AN6X	T4606100		2	3-Wire DC NPN
	Bi 4-M12T-AN6X	T4608100	Ext. Range	4	
	Bi 2-M12T-AP6X	T4606000		2	3-Wire DC PNP
	Bi 2-M12T-AP6X/S34	M1666800	WFI	2	
	Bi 4-M12T-AP6X	T4608000	Ext. Range	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	End Cap	Power LED	Output LED	Cable Length/ Cable Mat.	Wiring Diagram #	Wiring Diagrams
10-30 VDC	2000	≤200	-40 to +70	IP 68/ 69 K	SS	PVDF	EPTR	N/A	YE	2M/PUR	3	Diagram 1
	1000	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	1	Diagram 2
10-30 VDC	3000	≤200	-30 to +85	IP 68	SS	PA 12	EPTR	N/A	YE	2M/PVC	2	Diagram 3
	3000	≤200	-30 to +85	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
10-30 VDC	3000	≤200	-30 to +85	IP 68	SS	PA 12	EPTR	N/A	YE	2M/PVC	3	Diagram 4
	2000	≤200	-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	CPB	PA 12	EPTR	N/A	YE	2M/PVC	5	Diagram 5
10-30 VDC	100	≤200	-25 to +120	IP 67	SS	PTFE	PTFE	N/A	N/A	2M/PTFE	3	Diagram 5
	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	2	Diagram 5
	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 5
	1500	≤200	-25 to +70	IP 67	CPB	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	

Barrels

For material descriptions see page M22.