

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output	
<b>30 mm - Embeddable, Potted-In Cable</b> 	Bi 10-M30-AD4X	T4417000		10	2-Wire DC	
	Bi 12-M30-AD4X	T4417035	<i>Extended Range</i>	12		
	Bi 10-EM30-AN6XLD	T4617109	<i>Load Dump</i>	10	3-Wire DC NPN	
	Bi 10U-EM30-AN6X	M1636320	<i>Uprox</i>	10		
	Bi 10U-M30-AN6X	M1636120	<i>Uprox</i>	10		
	Bi 15-M30-AN6X	T4618620	<i>Extended Range</i>	15		
	Bi 10-M30-AN6X	T4617691		10		
	Bi 10-EM30-AP6XLD	T4617003	<i>Load Dump</i>	10	3-Wire DC PNP	
	Bi 10-M30-AP6X/S100	M4617004	<i>High Temp. 100°C</i>	10		
	Bi 10U-EM30-AP6X	M1636300	<i>Uprox</i>	10		
	Bi 10U-M30-AP6X	M1636100	<i>Uprox</i>	10		
	Bi 15-M30-AP6X	T4618530	<i>Extended Range</i>	15		
	Bi 10-M30-VN4X	T1571400	<i>Comp. Outputs</i>	10	4-Wire DC NPN	
	Bi 15-M30-VN4X	T4570712	<i>Extended Range</i>	15		
	Bi 10-M30-VP4X	T1561400	<i>Comp. Outputs</i>	10	4-Wire DC PNP	
	Bi 15-M30-VP4X	T4570713	<i>Extended Range</i>	15		
	Bi 10U-MT30-ADZ30X2	M4209430		<i>Uprox</i>	10	2-Wire AC/DC Short-Circuit Protected

For detailed sensor specifications see Section M.  
Normally Closed versions available upon request, consult factory.



Voltage	Switching Freq. (Hz)	Operating Current (mA) AC/DC	Operating Temp. (°C)	Protection	Housing	Face	End Cap	Power LED	Output LED	Cable Length/ Cable Mat.	Wiring Diagram #	Wiring Diagrams
10-65 VDC	500	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	1	<b>Diagram 1</b> 
	400	≤100	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	1	
10-30 VDC	500	≤200	-25 to +70	IP 67	SS	PA 12	EPTR	N/A	YE	2M/PVC	2	<b>Diagram 2</b> 
	2000	≤200	-30 to +85	IP 68	SS	PA 12	EPTR	N/A	YE	2M/PVC	2	
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
	500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
	500	≤200	-25 to +70	IP 67	CPB	PA 12		N/A	YE	2M/PVC	2	
10-30 VDC	500	≤200	-25 to +70	IP 67	SS	PA 12	EPTR	N/A	YE	2M/PVC	3	<b>Diagram 3</b> 
	500	≤200	-25 to +100	IP 67	CPB	IRPA	EPTR	N/A	YE	2M/PVC	3	
	2000	≤200	-30 to +85	IP 68	SS	PA 12	EPTR	N/A	YE	2M/PVC	3	
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3	
	500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	3	
10-65 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	4	<b>Diagram 4</b> 
	500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	4	
10-65 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	5	<b>Diagram 5</b> 
	500	≤200	-25 to +70	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	5	
20-250 VAC 10-300 VDC	20	≤400/300	-25 to +70	IP 67	TC	TC		GN	RD	2M/PUR	6	<b>Diagram 6</b> 

Barrels

For material descriptions see page M36.