

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
18 mm - Embeddable, Potted-In Cable, Partial Threading 	Bi 5U-EM18-AN6X	M1635320	Uprox	5	3-Wire DC NPN
	Bi 5U-M18-AN6X	M1635120	Uprox	5	
	Bi 8-M18-AN6X	T4615130	Ext. Range	8	
	Bi 8U-M18-AN6X	M1644736	Uprox+	8	
	Bi 8U-MT18-AN6X	M1634907	Uprox+ PTFE Coated	8	
	Bi 5U-EM18-AP6X	M1635300	Uprox	5	3-Wire DC PNP
	Bi 5U-M18-AP6X	M1635100	Uprox	5	
	Bi 8-M18-AP6X	T4615030	Ext. Range	8	
	Bi 8U-M18-AP6X	M1644733	Uprox+	8	
	Bi 8U-MT18-AP6X	M1644754	Uprox+ PTFE Coated	8	
18 mm - Embeddable, Potted-in Cable, Extended Barrel Length 	Bi 5U-EM18M-AD4X	M4405205	Uprox+ Stainless Steel	5	2-Wire DC
	Bi 5U-M18M-AD4X	M4405067	Uprox+	5	
18 mm - Embeddable, Potted-In Cable, Partial Threading, PTFE Coated 	Bi 5U-MT18-ADZ30X2	M4209410	Uprox	5	2-Wire AC/DC
18 mm - Nonembeddable, Potted-in Cable 	Ni 15U-M18-AN6X	M1635334	Uprox+	15	3-Wire DC NPN
	Ni 15U-M18-AP6X	M1635330	Uprox+	15	3-Wire DC PNP
18 mm - Nonembeddable, Potted-in Cable, Extended Length Barrel 	Ni 10U-M18M-AD4X	M4405070	Uprox+	10	2-Wire DC

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



Output	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	2500	≤200	-30 to +85	IP 68	SS	PA 12	EPTR	N/A	YE	2M/PVC	1	Diagram 1
	2500	≤200	-30 to +85	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	1	
	500	≤200	-25 to +70	IP 67	SS	PA 12	EPTR	N/A	YE	2M/PVC	1	
	1500	≤200	-30 to +85	IP 68	CPB	LCP	?	N/A	YE	2M/PVC	1	
	1500	≤200	-30 to +85	IP 68	CPB	LCP	?	N/A	YE	2M/PVC	1	
10-30 VDC	2500	≤200	-30 to +85	IP 68	SS	PA 12	EPTR	N/A	YE	2M/PVC	2	Diagram 2
	2500	≤200	-30 to +85	IP 67	CPB	PA 12	EPTR	N/A	YE	2M/PVC	2	
	500	≤200	-25 to +70	IP 67	SS	PA 12	EPTR	N/A	YE	2M/PVC	2	
	1500	≤200	-30 to +85	IP 68	CPB	LCP	EPTR	N/A	YE	2M/PVC	2	
	1500	≤200	-30 to +85	IP 68	CPB	LCP	EPTR	N/A	YE	2M/PVC	2	
10-65 VDC	500	≤200	-25 to +70	IP 67	SS	PA 12	EPTR	N/A	YE	2M/PVC	3	Diagram 3
4-Wire DC PNP	500	≤200	-25 to +70	IP 67	SS	PA 12	EPTR	N/A	YE	2M/PVC	4	
10-65 VDC	1000	≤100	-30 to +85	IP 68	SS	LCP	EPTR	N/A	YE	2M/PVC	5	Diagram 4
	1000	≤100	-30 to +85	IP 68	CPB	LCP	EPTR	N/A	YE	2M/PVC	5	
20-250 VAC 10-300 VDC	20	≤400/300	-30 to +85	IP 67	TC	TC	EPTR	GN	YE	2M/PVC	6	Diagram 5
10-30 VDC	1000	≤200	-30 to +85	IP 68	CPB	LCP	EPTR	YE		2M/PVC	1	Diagram 6
10-30 VDC	1000	≤200	-30 to +85	IP 68	CPB	LCP	EPTR	YE		2M/PVC	2	
10-30 VDC	1000	≤200	-30 to +85	IP 68	CPB	LCP	EPTR	YE		2M/PVC	2	
10-65 VDC	1000	≤100	-30 to +85	IP 68	CPB	LCP	EPTR	YE		2M/PVC	5	

For material descriptions see page M36.