

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output	
<b>18 mm - Embeddable, eurofast® Connection</b> 	Bi 8U-EM18-AN6X-H1141	M1644738	<i>Uprox+</i> , Stainless steel	8	3-Wire DC NPN	
	Bi 8U-EM18WD-AN6X-H1141	M1634839	<i>Uprox+</i> , Washdown	8		
	Bi 8U-M18-AN6X-H1141	M1644737	<i>Uprox+</i>	8		
	Bi 8U-MT18-AN6X-H1141	M1644739	<i>Uprox+</i> , Teflon	8		
		Bi 8U-EM18-AP6X-H1141	M1644734	<i>Uprox+</i> , Stainless steel	8	3-Wire DC PNP
		Bi 8U-EM18WD-AP6X-H1141	M1634816	<i>Uprox+</i> , Washdown	8	
		Bi 8U-M18-AP6X-H1141	M1644731	<i>Uprox+</i>	8	
		Bi 8U-MT18-AP6X-H1141	M1644730	<i>Uprox+</i> , Teflon	8	
		Bi 8U-MT18M-AP6X2-H1141*	M1644740	<i>Uprox+</i> , Dual LED's	8	
		Ni 15U-EM18-AN6X-H1141	M1635336	<i>Uprox+</i> , Stainless steel	15	
Ni 15U-EM18WD-AN6X-H1141	M1634835	<i>Uprox+</i> , Washdown	15			
Ni 15U-M18-AN6X-H1141	M1635335	<i>Uprox+</i>	15			
Ni 15U-MT18-AN6X-H1141	M1635337	<i>Uprox+</i> , Teflon	15			
<b>18 mm - Embeddable, eurofast Connection</b> 	Ni 15U-EM18-AP6X-H1141	M1635332	<i>Uprox+</i> , Stainless steel	15	3-Wire DC PNP	
	Ni 15U-EM18WD-AP6X-H1141	M1634818	<i>Uprox+</i> , Washdown	15		
	Ni 15U-M18-AP6X-H1141	M1635331	<i>Uprox+</i>	15		
	Ni 15U-MT18-AP6X-H1141	M1635333	<i>Uprox+</i> , Teflon	15		
	Ni 15U-MT18M-AP6X2-H1141*	M1635338	<i>Uprox+</i> , Dual LED's	15		
	Bi 8U-EM18E-AP6X-H1141	M1634865	<i>Uprox+</i> , Stainless steel	8	3-Wire DC PNP	
	Bi 8U-M18M-VP44X-H1141	M1634877	<i>Uprox+</i>	8	4-Wire DC PNP	

\* MT18M = Barrel length 62 mm.

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	Power LED	Output LED	Mating Cordset	Wiring Diagram #	Wiring Diagrams
10-30 VDC	1500	≤200	-25 to +75	IP 68	SS	LCP	N/A	YE	RK 4T-*	1	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <b>Diagram 1</b> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <b>Diagram 2</b> </div> <div style="border: 1px solid black; padding: 5px;"> <b>Diagram 3</b> </div>
	1500	≤200	0 to +85	IP 68, 69K	SS	LCP	N/A	YE	RK 4T-*	1	
	1500	≤200	-25 to +75	IP 68	CPB	LCP	N/A	YE	RK 4T-*	1	
	1500	≤200	-25 to +75	IP 68	TC	LCP	N/A	YE	RK 4T-*	1	
10-30 VDC	1500	≤200	-25 to +75	IP 68	SS	LCP	N/A	YE	RK 4T-*	2	
	1500	≤200	0 to +85	IP 68, 69K	SS	LCP	N/A	YE	RK 4T-*	2	
	1500	≤200	-25 to +75	IP 68	CPB	LCP	N/A	YE	RK 4T-*	2	
	1500	≤200	-25 to +75	IP 68	TC	LCP	N/A	YE	RK 4T-*	2	
	1500	≤200	-25 to +75	IP 68	TC	LCP	GN	YE	RK 4T-*	2	
10-30 VDC	1000	≤200	-25 to +75	IP 68	SS	LCP	N/A	YE	RK 4T-*	1	
	1000	≤200	0 to +85	IP 68, 69K	SS	LCP	N/A	YE	RK 4T-*	1	
	1000	≤200	-25 to +75	IP 68	CPB	LCP	N/A	YE	RK 4T-*	1	
	1000	≤200	-25 to +75	IP 68	TC	LCP	N/A	YE	RK 4T-*	1	
10-30 VDC	1000	≤200	-25 to +75	IP 68	SS	LCP	N/A	YE	RK 4T-*	2	
	1000	≤200	0 to +85	IP 68, 69K	SS	LCP	N/A	YE	RK 4T-*	2	
	1000	≤200	-25 to +75	IP 68	CPB	LCP	N/A	YE	RK 4T-*	2	
	1000	≤200	-25 to +75	IP 68	TC	LCP	N/A	YE	RK 4T-*	2	
	1000	≤200	-25 to +75	IP 68	TC	LCP	GN	YE	RK 4T-*	2	
10-30 VDC	1000	≤200	-25 to +75	IP 68	SS	LCP	N/A	YE	RK 4T-*	2	
10-55 VDC	1500	≤200	-30 to +85	IP 68	CPB	LCP	N/A	YE	RK 4,4T-*	3	

Uprox+

\* Length in meters.

For material descriptions see page M22.