

# Inductive Sensors - Uprox+



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
<b>12 mm - Embeddable, picofast® Connection</b> 	Bi 4U-M12-AP6X-V1131	M1634780	Uprox+	4	3-Wire DC PNP
<b>12 mm - Embeddable, eurofast® Connection</b> 	Bi 4U-EM12-AN6X-H1141	M1634827	Uprox+, Stainless Steel	4	3-Wire DC NPN
	Bi 4U-M12-AN6X-H1141	M1634824	Uprox+	4	
	Bi 4U-MT12-AN6X-H1141	M1634829	Uprox+, Teflon	4	
	Bi 4U-MT12-AN6X-H1141/S1589	M16348290	Uprox+, weldguard	4	
	Bi 4U-EM12-AP6X-H1141	M1634807	Uprox+, Stainless Steel	4	3-Wire DC PNP
	Bi 4U-EM12-AP6X-H1141/S1589	M1634897-1	Uprox+, weldguard	4	
	Bi 4U-M12-AP6X-H1141	M1634804	Uprox+	4	
	Bi 4U-MT12-AP6X-H1141	M1634809	Uprox+, Teflon	4	
	Bi 4U-MT12-AP6X-H1141/S1589	M1634809-1	Uprox+, weldguard	4	
<b>12 mm - Nonembeddable, eurofast Connection</b> 	Ni 10U-EM12-AN6X-H1141	M1634828	Uprox+, Stainless Steel	10	3-Wire DC NPN
	Ni 10U-M12-AN6X-H1141	M1634826	Uprox+	10	
	Ni 10U-MT12-AN6X-H1141	M1634830	Uprox+, Teflon	10	
	Ni 10U-MT12-AN6X-H1141/S1589	M16134996	Uprox+, Teflon, weldguard	10	
	Ni 10U-EM12-AP6X-H1141	M1634808	Uprox+, Stainless Steel	10	3-Wire DC PNP
	Ni 10U-M12-AP6X-H1141	M1634806	Uprox+	10	
	Ni 10U-MT12-AP6X-H1141	M1634810	Uprox+, Teflon	10	
	Ni 10U-MT12-AP6X-H1141/S1589	M1634810-1	Uprox+, Teflon, weldguard	10	
<b>12 mm - Embeddable, Extended Length eurofast Connection</b> 	Bi 2U-M12E-AD4X-H1144	M4405060	Uprox+	2	2-Wire DC
	Bi 2U-MT12E-AD4X-H1144	M4405061	Uprox+, Teflon	2	
	Bi 2U-MT12HE-AD4X-H1144/S1589	M4405094	Uprox+, Teflon, weldguard	2	
	Bi 4U-MT12E-AP6X2-H1141	M1644742	Uprox+, Dual LED's	4	3-Wire DC PNP
	Bi 4U-MT12E-AP6X2-H1141/S1589	M1644797	Uprox+, Teflon, weldguard	4	
	Bi 4U-MT12E-VN44X-H1141/S1589	M1644799	Uprox+, Teflon, weldguard	4	3-Wire DC NPN
	<b>12 mm - Nonembeddable, Extended Length eurofast Connection</b> 	Ni 5U-MT12E-AD4X-H1144	M4405065	Uprox+	
Ni 10U-MT12E-AP6X2-H1141		M1634844	Uprox+, Dual LED's	10	3-Wire DC PNP
Ni 10U-MT12E-AP6X2-H1141/S1589		M1634994	Uprox+, Teflon, weldguard	10	

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, Cable Length/Jacket	Wiring Diagram #	Wiring Diagrams
10-30 VDC	2000	≤200	-30 to +85	IP 68	CPB	LCP	N/A	YE	PKG 3Z-*	3	Diagram 1 
10-30 VDC	2000	≤200	-30 to +85	IP 68	SS	LCP	N/A	YE	RK 4T-*	1	Diagram 2 
	2000	≤200	-30 to +85	IP 68	CPB	LCP	N/A	YE	RK 4T-*	1	Diagram 2 
	2000	≤200	-30 to +85	IP 68	TC	LCP	N/A	YE	RK 4T-*	1	Diagram 2 
	2000	≤200	-30 to +85	IP 68	TC	LCP	N/A	YE	RKC 4T-*/S1587	1	Diagram 2 
10-30 VDC	2000	≤200	-30 to +85	IP 68	SS	LCP	N/A	YE	RK 4T-*	2	Diagram 3 
	2000	≤200	-30 to +85	IP 68	SS	LCP	N/A	YE	RKC 4T-*/S1587	2	Diagram 3 
	2000	≤200	-30 to +85	IP 68	CPB	LCP	N/A	YE	RK 4T-*	2	Diagram 3 
	2000	≤200	-30 to +85	IP 68	TC	LCP	N/A	YE	RK 4T-*	2	Diagram 3 
	2000	≤200	-30 to +85	IP 68	SS	LCP	GN	YE	RKC 4T-*/S1587	2	Diagram 3 
10-30 VDC	1000	≤200	-30 to +85	IP 68	SS	LCP	N/A	YE	RK 4T-*	1	Diagram 4 
	1000	≤200	-30 to +85	IP 68	CPB	LCP	N/A	YE	RK 4T-*	1	Diagram 4 
	1000	≤200	-30 to +85	IP 68	TC	LCP	N/A	YE	RK 4T-*	1	Diagram 4 
	1000	≤200	-30 to +85	IP 68	TC	WG	N/A	YE	RKC 4T-*/S1587	1	Diagram 4 
10-30 VDC	1000	≤200	-30 to +85	IP 68	SS	LCP	N/A	YE	RK 4T-*	2	Diagram 5 
	1000	≤200	-30 to +85	IP 68	CPB	LCP	N/A	YE	RK 4T-*	2	Diagram 5 
	1000	≤200	-30 to +85	IP 68	TC	LCP	N/A	YE	RK 4T-*	2	Diagram 5 
	1000	≤200	-30 to +85	IP 68	TC	WG	N/A	YE	RKC 4T-*/S1587	2	Diagram 5 
10-65 VDC	1000	≤100	-30 to +85	IP 68	CPB	LCP	N/A	YE	RK 4.23T-*	4	Diagram 5 
	1000	≤100	-30 to +85	IP 68	TC	LCP	N/A	YE	RK 4.23T-*	4	Diagram 5 
	1000	≤100	-30 to +85	IP 68	TC	WG	N/A	YE	RKC 4.23T-*/S1587	4	Diagram 5 
10-30 VDC	2000	≤200	-30 to +85	IP 68	TC	LCP	GN	YE	RK 4T-*	2	Diagram 5 
	2000	≤200	-30 to +85	IP 68	TC	WG	N/A	YE	RKC 4T-*/S1587	2	Diagram 5 
10-55 VDC	1000	≤200	-30 to +85	IP 68	TC	WG	N/A	YE	RKC 4T-*/S1587	5	Diagram 5 
10-65 VDC	1000	≤100	-30 to +85	IP 68	TC	LCP	N/A	YE	RK 4.23T-*	4	Diagram 5 
10-30 VDC	1000	≤200	-30 to +85	IP 68	TC	LCP	GN	YE	RK 4T-*	2	Diagram 5 
	1000	≤200	-30 to +85	IP 68	TC	WG	N/A	YE	RKC 4T-*/S1587	2	Diagram 5 

Uprox+

\* Length in meters.

For material descriptions see page M36.