

Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
12 mm - Nonembeddable, Extended Barrel Length, eurofast® Connection 	Ni 4-M12E-AD4X-H1144	T4406792		4	2-Wire DC
	Ni 8-M12E-AN6X-H1141	T4611325	Ext. Range	8	3-Wire DC NPN
	Ni 8-EM12HE-AN6X-H1141/S1589	T4611395	Ext. Range, weldguard	8	
	Ni 8U-EM12E-AN6X-H1141	M1644351	Uprox	8	
	Ni 8U-EM12E-AN6X2-H1141	M1644315	Uprox	8	
	Ni 8U-EM12HE-AN6X2-H1141/S1589	M1644391	Uprox, weldguard	8	
	Ni 8U-M12E-AN6X-H1141	M1644151	Uprox	8	
	Ni 8-M12E-AP6X-H1141	T4611398-1	Ext. Range	8	3-Wire DC PNP
	Ni 8-EM12HE-AP6X-H1141/S1589	T4611396	weldguard	8	
	Ni 8U-EM12E-AP6X-H1141	M1644342	Uprox	8	
	Ni 8U-EM12E-AP6X2-H1141	M1644314	Uprox	8	
	Ni 8U-EM12HE-AP6X2-H1141/S1589	M1644392	Uprox, weldguard	8	
	Ni 8U-M12E-AP6X-H1141	M1644144	Uprox	8	
	Ni 8U-M12E-VN4X-H1141	M1580552	Comp. Output	8	4-Wire DC NPN
	Ni 8U-EM12E-VP4X-H1141	M1580463	Uprox	8	4-Wire DC PNP
	Ni 8U-M12E-VP4X-H1141	M1580454	Uprox	8	
	Ni 4-M12E-VN6X-H1141	T1643190	Comp. Output	4	4-Wire DC NPN
	Ni 4-EM12E-VP6X-H1141	T1633191	Comp. Output	4	4-Wire DC PNP
	Ni 4-M12E-VP6X-H1141	T1633190	Comp. Output	4	
	Ni 8-M12E-VP6X-H1141	T4611389	Ext. Range, Comp. Output	8	
12 mm - Nonembeddable, Extended Barrel Length, eurofast Connection, PTFE Coated 	Ni 5U-MT12E-AD4X-H1144	M4405065	Uprox		2-Wire DC
	Ni 8-MT12HE-AN6X-H1141/S1589	T4611397	Ext. Range, weldguard	8	3-Wire DC NPN
	Ni 8U-MT12E-AN6X2-H1141	M1644248	Uprox	8	
	Ni 8U-MT12HE-AN6X2-H1141/S1589	M1644290	Uprox, weldguard	8	
	Ni 8-MT12HE-AP6X-H1141/S1589	T4611398	Ext. Range, weldguard	8	3-Wire DC PNP
	Ni 8U-MT12E-AP6X2-H1141	M1644247	Uprox	8	
	Ni 8U-MT12HE-AP6X2-H1141/S1589	M1644291	Uprox, weldguard	8	
	Ni 10U-MT12E-AP6X2-H1141	M1634844	Uprox	10	
Ni 10U-MT12E-AP6X2-H1141/S1589	M1634994	Dual LED's Uprox PTFE, 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	Wiring Diagram #	Wiring Diagrams
10-65 VDC	2000	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.23T-*	1	Diagram 1
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	2	Diagram 2
	2000	≤200	-25 to +70	IP 67	WG	WG	N/A	YE	RKC 4T-*/S1587	2	
	2000	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	2	
	2000	≤200	-30 to +85	IP 68	SS	PA 12	GN	YE	RKV 4T-*	2	
	2000	≤200	-30 to +85	IP 68	WG	WG	GN	YE	RKC 4T-*/S1587	2	
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	2	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	Diagram 3
	2000	≤200	-25 to +70	IP 67	WG	WG	N/A	YE	RKC 4T-*/S1587	3	
	2000	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	3	
	2000	≤200	-30 to +85	IP 68	SS	PA 12	GN	YE	RKV 4T-*	3	
	2000	≤200	-30 to +85	IP 68	WG	WG	GN	YE	RKC 4T-*/S1587	3	
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	
10-65 VDC	2000	≤200	-30 to +85	IP 67	SS	PA 12	N/A	YE	RK 4.4T-*	4	Diagram 4
10-65 VDC	2000	≤200	-30 to +85	IP 67	SS	PA 12	N/A	YE	RKV 4.4T-*	5	
10-65 VDC	2000	≤200	-30 to +85	IP 67	SS	PA 12	N/A	YE	RK 4.4T-*	5	Diagram 5
	2000	≤200	-30 to +85	IP 67	SS	PA 12	N/A	YE	RK 4.4T-*	5	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	4	Diagram 5
10-30 VDC	2000	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RKV 4.4T-*	5	
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	
10-65 VDC	1000	≤100	-30 to +85	IP 68	TC	LCP	N/A	YE	RK 4.23T-*	1	
10-30 VDC	2000	≤200	-25 to +70	IP 67	WG	WG	N/A	YE	RKC 4T-*/S1587	2	Diagram 5
	2000	≤200	-30 to +85	IP 67	TC	TC	N/A	YE	RK 4T-*	2	
	2000	≤200	-30 to +85	IP 67	WG	WG	GN	YE	RKC 4T-*/S1587	2	
10-30 VDC	2000	≤200	-25 to +70	IP 67	WG	WG	N/A	YE	RKC 4T-*/S1587	3	Diagram 5
	2000	≤200	-30 to +85	IP 67	TC	TC	N/A	YE	RK 4T-*	3	
	2000	≤200	-30 to +85	IP 67	WG	WG	GN	YE	RKC 4T-*/S1587	3	
	1000	≤200	-30 to +85	IP 68	TC	LCP	GN	YE	RK 4T-*	3	
	1000	≤200	-30 to +85	IP 68	TC	WG	N/A	YE	RKC 4T-*/S1587	3	

Barrels

* Length in meters.

For material descriptions see page M36.