

# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
<b>30 mm - Nonembeddable, eurofast® Connection</b> 	Ni 15-M30-AD4X-H1141	T4417700		15	2-Wire DC
	Ni 20-M30-AD4X-H1141	T4466141	Extended Range	20	
	Ni 20-M30-AD4X-H1144	T4466192	Extended Range	20	
	Ni 15-M30-AN6X-H1141	T4617800		15	3-Wire DC NPN
	Ni 20-EM30H-AN6X-H1141/S1589	T4670599	weldguard®	20	
	Ni 20-M30-AN6X-H1141	T4670515	Extended Range	20	
	Ni 20U-EM30-AN6X-H1141	M1646350	Uprox	20	
	Ni 20U-EM30H-AN6X2-H1141/S1589	M1646191	weldguard, Uprox	20	
	Ni 20U-M30-AN6X-H1141	M1646150	Uprox	20	
	Ni 20U-M30-AN6X2-H1141	M1646155	Uprox	20	
	Ni 15-M30-AP6X-H1141	T4617700		15	3-Wire DC PNP
	Ni 15-M30-AP6X-H1141/S34	M1669500	WFI	15	
	Ni 20-EM30H-AP6X-H1141/S1589	T4670590	weldguard	20	
	Ni 20-M30-AP6X-H1141	T4670510	Extended Range	20	
	Ni 20U-EM30-AP6X-H1141	M1646340	Uprox	20	
	Ni 20U-EM30-AP6X2-H1141	M1646345	Uprox	20	
	Ni 20U-EM30H-AP6X2-H1141/S1589	M1646490	weldguard, Uprox	20	
	Ni 20U-M30-AP6X-H1141	M1646140	Uprox	20	
	Ni 15-M30-VN4X-H1141	T1571510	Comp. Outputs	15	4-Wire DC NPN
	Ni 20-M30-VN4X-H1141	T4590606	Extended Range	20	
	Ni 20U-M30-VN4X-H1141	M1582552	Uprox	20	
	Ni 15-M30-VP4X-H1141	T1561700	Comp. Outputs	15	4-Wire DC PNP
	Ni 20-M30-VP4X-H1141	T4590607	Extended Range	20	
	Ni 20U-M30-VP4X-H1141	M1582457	Uprox	20	
<b>30 mm - Nonembeddable, eurofast Connection, Teflon Coated</b> 	Ni 20-MT30H-AN6X-H1141/S1589	T4670589	weldguard	20	3-Wire DC NPN
	Ni 20U-MT30-AN6X-H1141	M1646250	Uprox	20	
	Ni 20U-MT30H-AN6X2-H1141/S1589	M1646290	weldguard, Uprox	20	
	Ni 20-MT30H-AP6X-H1141/S1589	T4670588	weldguard	20	3-Wire DC PNP
	Ni 20U-MT30-AP6X-H1141	M1646240	Uprox	20	
	Ni 20U-MT30-AP6X2-H1141	M1646245	Uprox	20	
	Ni 20U-MT30H-AP6X2-H1141/S1589	M1646291	weldguard, Uprox	20	

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	200	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.2T-*	1	<b>Diagram 1</b> 
	200	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.2T-*	1	
	200	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.23T-*/S674	2	
10-30 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	<b>Diagram 2</b> 
	500	≤200	-25 to +70	IP 67	SS	WG	N/A	YE	RKC 4T-*/S1587	3	
	1500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	
	1500	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	3	
	1500	≤200	-30 to +85	IP 68	SS	WG	GN	YE	RKC 4T-*/S1587	3	
	1500	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	
10-30 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	4	<b>Diagram 3</b> 
	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	4	
	500	≤200	-25 to +70	IP 67	SS	WG	N/A	YE	RKC 4T-*/S1587	4	
	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	4	
	1500	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	4	
	1500	≤200	-30 to +85	IP 68	SS	WG	GN	YE	RKC 4T-*/S1587	4	
	1500	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	4	
10-65 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	<b>Diagram 4</b> 
	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	
	1500	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	
10-65 VDC	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	6	<b>Diagram 5</b> 
	500	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	6	
	1500	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	6	
10-30 VDC	500	≤200	-25 to +70	IP 67	TC	WG	N/A	YE	RKC 4T-*/S1587	3	<b>Diagram 6</b> 
	1500	≤200	-30 to +85	IP 67	TC	TC	N/A	YE	RK 4T-*	3	
	1500	≤200	-30 to +85	IP 67	TC	WG	GN	YE	RKC 4T-*/S1587	3	
10-30 VDC	500	≤200	-25 to +70	IP 67	TC	WG	N/A	YE	RKC 4T-*/S1587	4	
	1500	≤200	-30 to +85	IP 67	TC	TC	N/A	YE	RK 4T-*	4	
	1500	≤200	-30 to +85	IP 67	TC	TC	GN	YE	RK 4T-*	4	
	1500	≤200	-30 to +85	IP 67	TC	WG	GN	YE	RKC 4T-*/S1587	4	

Barrels

\* Length in meters.

For material descriptions see page M36.