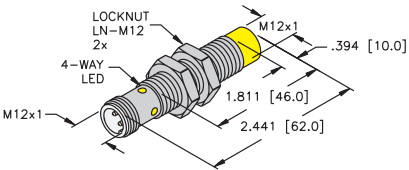
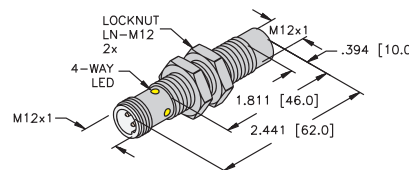


# Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
<b>12 mm - Nonembeddable, Extended Barrel Length, eurofast® Connection</b>  	Ni 4-M12E-AD4X-H1141	T4406790		4	2-Wire DC
	Ni 4-M12E-AD4X-H1144	T4406792		4	
	Ni 8-M12E-AN6X-H1141	T4611325	<i>Ext. Range</i>	8	3-Wire DC NPN
	Ni 8-EM12HE-AN6X-H1141/S1589	T4611395	<i>Ext. Range, weldguard®</i>	8	
	Ni 8U-EM12E-AN6X-H1141	M1644351	<i>Uprox</i>	8	
	Ni 8U-EM12E-AN6X2-H1141	M1644315	<i>Uprox</i>	8	
	Ni 8U-EM12HE-AN6X2-H1141/S1589	M1644391	<i>Uprox, weldguard</i>	8	
	Ni 8U-M12E-AN6X-H1141	M1644151	<i>Uprox</i>	8	
	Ni 8-M12E-AP6X-H1141	T4611398-1	<i>Ext. Range</i>	8	3-Wire DC PNP
	Ni 8-EM12HE-AP6X-H1141/S1589	T4611396	<i>weldguard</i>	8	
	Ni 8U-EM12E-AP6X-H1141	M1644342	<i>Uprox</i>	8	
	Ni 8U-EM12E-AP6X2-H1141	M1644314	<i>Uprox</i>	8	
	Ni 8U-EM12HE-AP6X2-H1141/S1589	M1644392	<i>Uprox, weldguard</i>	8	
	Ni 8U-M12E-AP6X-H1141	M1644144	<i>Uprox</i>	8	
	Ni 8U-M12E-VN4X-H1141	M1580552	<i>Comp. Output</i>	8	4-Wire DC NPN
	Ni 8U-EM12E-VP4X-H1141	M1580463	<i>Uprox</i>	8	4-Wire DC PNP
	Ni 8U-M12E-VP4X-H1141	M1580454	<i>Uprox</i>	8	
	Ni 4-M12E-VN6X-H1141	T1643190	<i>Comp. Output</i>	4	4-Wire DC NPN
	Ni 4-EM12E-VP6X-H1141	T1633191	<i>Comp. Output</i>	4	4-Wire DC PNP
	Ni 4-M12E-VP6X-H1141	T1633190	<i>Comp. Output</i>	4	
Ni 8-M12E-VP6X-H1141	T4611389	<i>Ext. Range, Comp. Output</i>	8		
<b>12 mm - Nonembeddable, Extended Barrel Length, eurofast Connection, Teflon Coated</b>  	Ni 8-MT12HE-AN6X-H1141/S1589	T4611397	<i>Ext. Range, weldguard</i>	8	3-Wire DC NPN
	Ni 8U-MT12E-AN6X-H1141	M1644251	<i>Uprox</i>	8	
	Ni 8U-MT12E-AN6X2-H1141	M1644248	<i>Uprox</i>	8	
	Ni 8U-MT12HE-AN6X2-H1141/S1589	M1644290	<i>Uprox, weldguard</i>	8	3-Wire DC PNP
	Ni 8-MT12HE-AP6X-H1141/S1589	T4611398	<i>Ext. Range, weldguard</i>	8	
	Ni 8U-MT12E-AP6X2-H1141	M1644247	<i>Uprox</i>	8	
	Ni 8U-MT12HE-AP6X2-H1141/S1589	M1644291	<i>Uprox, weldguard</i>	8	

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 4.2T-*	1	<b>Diagram 1</b> 
	2000	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.23T-*	2	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	<b>Diagram 2</b> 
	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	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	4	<b>Diagram 3</b> 
	2000	≤200	-25 to +70	IP 67	WG	WG	N/A	YE	RKC 4T-*/S1587	4	
	2000	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	4	
	2000	≤200	-30 to +85	IP 68	SS	PA 12	GN	YE	RKV 4T-*	4	
	2000	≤200	-30 to +85	IP 68	WG	WG	GN	YE	RKC 4T-*/S1587	4	
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	4	
10-65 VDC	2000	≤200	-30 to +85	IP 67	SS	PA 12	N/A	YE	RK 4.4T-*	5	<b>Diagram 4</b> 
10-65 VDC	2000	≤200	-30 to +85	IP 67	SS	PA 12	N/A	YE	RKV 4.4T-*	6	<b>Diagram 5</b> 
	2000	≤200	-30 to +85	IP 67	SS	PA 12	N/A	YE	RK 4.4T-*	6	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	<b>Diagram 5</b> 
10-30 VDC	2000	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RKV 4.4T-*	6	<b>Diagram 6</b> 
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	6	
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	6	
10-30 VDC	2000	≤200	-25 to +70	IP 67	WG	WG	N/A	YE	RKC 4T-*/S1587	3	<b>Diagram 6</b> 
	2000	≤200	-30 to +85	IP 67	TC	TC	N/A	YE	RK 4T-*	3	
	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	
10-30 VDC	2000	≤200	-25 to +70	IP 67	WG	WG	N/A	YE	RKC 4T-*/S1587	4	<b>Diagram 6</b> 
	2000	≤200	-30 to +85	IP 67	TC	TC	N/A	YE	RK 4T-*	4	
	2000	≤200	-30 to +85	IP 67	WG	WG	GN	YE	RKC 4T-*/S1587	4	

Barrels

\* Length in meters.

For material descriptions see page M36.