

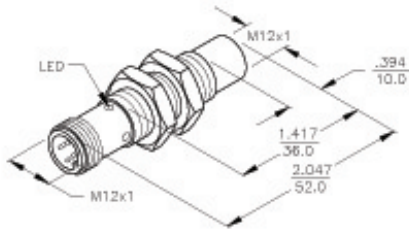
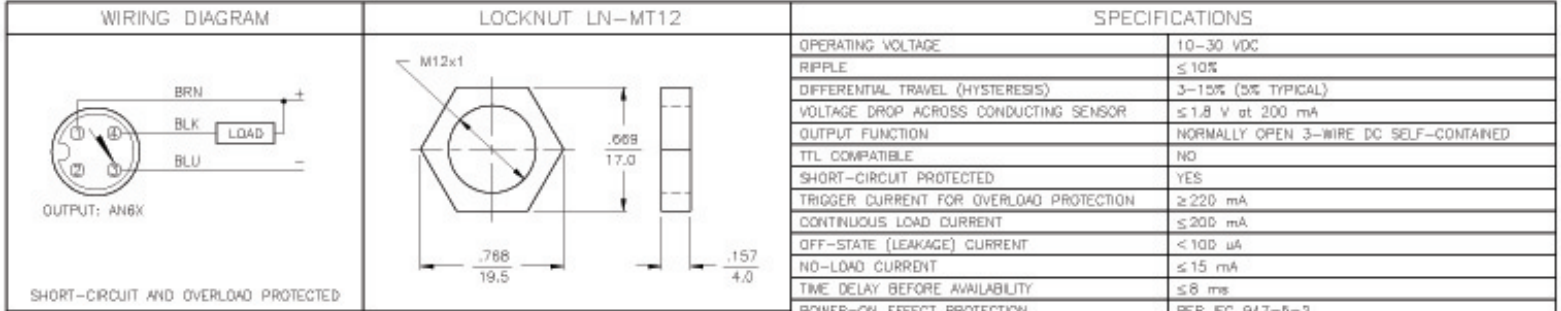
Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output	
12 mm - Nonembeddable, eurofast® Connection 	Ni 4-M12-AD4X-H1141	T4406700		4	2-Wire DC	
	Ni 4-M12-AD4X-H1144	M4406701		4		
	Ni 8-M12-AD4X-H1141	T4411241	Ext. Range	8		
	Ni 8-M12-AD4X-H1144	T4411289	Ext. Range	8		
	Ni 4-EM12-AN7X-H1141	T4606893	T4606893	TTL Compatible	4	3-Wire DC NPN
	Ni 4-M12-AN6X-H1141	T4606800		4		
	Ni 5-EM12WD-AN6X-H1141	M4653431		Washdown	5	
	Ni 5-M12-AN6X-H1141	T4671390			5	
	Ni 8-M12-AN6X-H1141	T4611315		Ext. Range	8	
	Ni 8U-EM12-AN6X-H1141	M1644350		Uprox	8	
	Ni 8U-M12-AN6X-H1141	M1644150		Uprox	8	
	Ni 8U-M12-AN6X2-H1141	M1644155		Uprox, Dual LED	8	
	Ni 4-M12-AP6X-H1141	T4606700			4	3-Wire DC PNP
	Ni 5-EM12WD-AP6X-H1141	M1634331		Washdown	5	
	Ni 5-M12-AP6X-H1141	T4653400			5	
	Ni 8-M12-AP6X-H1141	T4611310		Ext. Range	8	
	Ni 8U-EM12-AP6X-H1141	M1644340		Uprox	8	
	Ni 8U-M12-AP6X-H1141	M1644140		Uprox	8	
	Ni 8U-M12-AP6X2-H1141	M1644145		Uprox, Dual LED	8	
	Ni 4-M12-VN6X-H1141	T1643100		Comp. Output	4	4-Wire DC NPN
	Ni 8-M12-VN6X-H1141	T4611323		Ext. Range, Comp. Output	8	
	Ni 4-EM12-VP6X-H1141	M1633101		Comp. Output	4	4-Wire DC PNP
	Ni 4-M12-VP6X-H1141	T1633100		Comp. Output	4	
	Ni 8-M12-VP6X-H1141	T4611324		Ext. Range, Comp. Output	8	
	Ni 5-M12-Y1X-H1141	M4010300			5	2-Wire DC NAMUR

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	<p>Diagram 1</p>
	2000	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.2T-*/S674	2	
	2000	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.2T-*	1	
	2000	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.2T-*/S674	2	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RKV 4T-*	3	<p>Diagram 2</p> <p>Diagram 3</p>
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	
	1500	≤200	-25 to +85	IP 68, 69K	SS	PVDF	N/A	YE	RK 4T-*	3	
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	
	2000	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	3	
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	GN	YE	RK 4T-*	3	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	4	<p>Diagram 4</p> <p>Diagram 5</p>
	1500	≤200	-25 to +85	IP 68, 69K	SS	PVDF	N/A	YE	RK 4T-*	4	
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	4	
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	4	
	2000	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	4	
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	4	
	2000	≤200	-30 to +85	IP 67	CPB	PA 12	GN	YE	RK 4T-*	4	
10-30 VDC	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	<p>Diagram 6</p>
	2000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	
10-30 VDC	2000	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RKV 4.4T-*	6	<p>Diagram 7</p>
	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	
5-30 VDC	2000	Remote	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.21T-*	7	

* Length in meters.



**NOTE
PRELIMINARY
SPECIFICATIONS**

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION 	THIS DOCUMENT IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. TURCK INC <i>High Technology Sensor and Automation Controls</i>		
MATERIAL BRASS BARREL	TOLERANCES UNLESS OTHERWISE SPECIFIED .X ±0.02 .XX ±0.01 .XXX ±0.005 ANGLES ±1° ALL MILLIMETER DIMENSIONS ARE REFERENCE ONLY	DRIFT CBM OSRN	DATE 09/03/99 SCALE NONE	DESCRIPTION Ni 8U-M12-AN6X-H1141
FINISH COPPER/NICKEL CHROME PLATING	UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING		IDENTIFICATION NO. M1644150 REV P2	

NOTES:
 1. UPROX HAS WELD FIELD IMMUNITY, SENSOR IS SUITABLE FOR USE ON RESISTANCE MACHINES.

P2	CBM	09/03/99	
REV	DESCRIPTION	Br	DATE ECO NO.