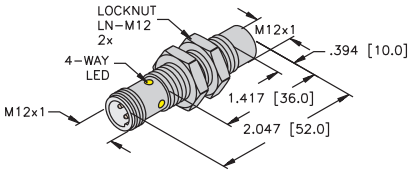
Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
12 mm - Nonembeddable, *eurofast*® Connection, PTFE Coated 	Ni 8-MT12H-AD4X-H1141/S1589	T4411291	***weldguard***®	8	**2-Wire DC**
	Ni 8U-MT12-AN6X-H1141	M1644250	***Uprox***	8	**3-Wire DC NPN**
	Ni10U-MT12-AN6X-H1141	M1634830	uprox+	10	
	Ni10U-MT12-AN6X-H1141/S1589	M16134996	**PTFE** uprox+ **PTFE, weldguard**	10	
	Ni 8U-MT12-AP6X-H1141	M1644240	***Uprox***	8	**3-Wire DC PNP**
	Ni 8U-MT12-AP6X2-H1141	M1644245	***Uprox***	8	
	Ni 8U-MT12H-AP6X2-H1141/S1589	M1644292	***Uprox, weldguard***	8	
	Ni10U-MT12-AP6X-H1141	M1634810	uprox+	10	
	Ni10U-MT12-AP6X-H1141/S1589	M1634810-1	**PTFE** uprox+ **PTFE, weldguard**	10	

For detailed sensor specifications see Section M.
Normally Closed versions available upon request, consult factory.

TURCK mold-on connectors available on all cable sensors. See page M25.



Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection	Housing	Face	Power LED	Output LED	Mating Cordset	Wiring Diagram #
10-65 VDC	2000	≤100	-25 to +70	IP 67	TC	WG	N/A	YE	RKC 4.2T-*/S1587	1
10-30 VDC	2000	≤200	-30 to +85	IP 67	TC	TC	N/A	YE	RK 4T-*	2
	1000	≤200	-30 to +85	IP 68	TC	LCP	N/A	YE	RK 4T-*	2
	1000	≤200	-30 to +85	IP 68	TC	WG	N/A	YE	RKC 4T-*/S1587	2
10-30 VDC	2000	≤200	-30 to +85	IP 67	TC	TC	N/A	YE	RK 4T-*	3
	2000	≤200	-30 to +85	IP 67	TC	TC	GN	YE	RK 4T-*	3
	2000	≤200	-30 to +85	IP 67	TC	WG	GN	YE	RKC 4T-*/S1587	3
	1000	≤200	-30 to +85	IP 68	TC	LCP	N/A	YE	RK 4T-*	3
	1000	≤200	-30 to +85	IP 68	TC	WG	N/A	YE	RKC 4T-*/S1587	3

Wiring Diagrams

Diagram 1

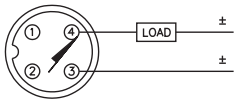


Diagram 2

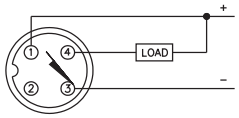
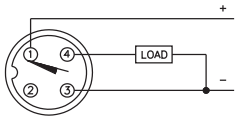


Diagram 3



* Length in meters.

For material descriptions see page M36.