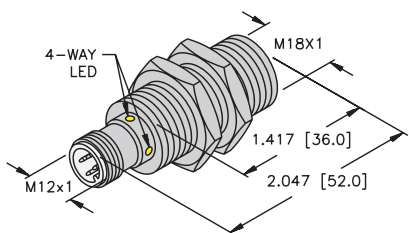
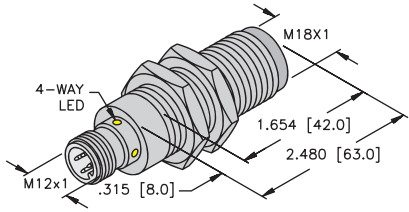
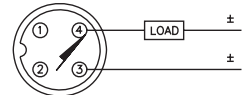
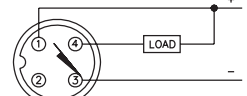
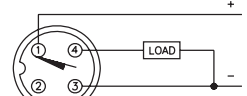
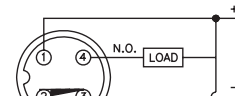
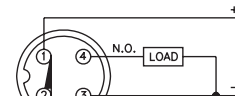
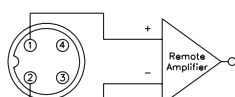
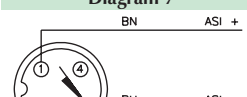
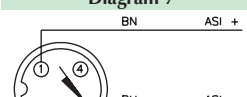


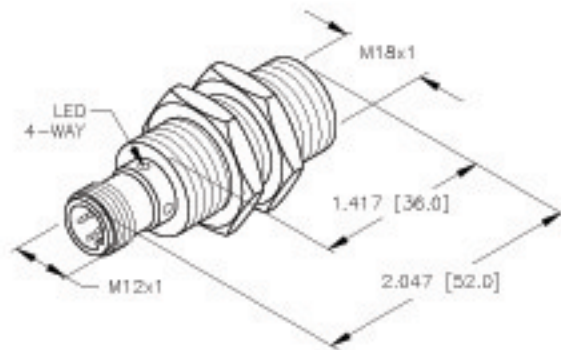
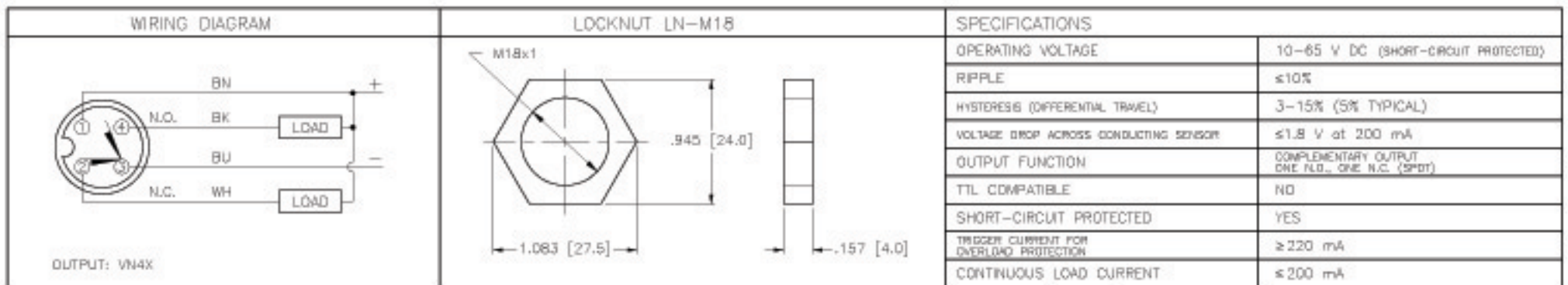
Inductive Sensors



Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
18 mm - Embeddable eurofast® Connection 	Bi 5-M18-AD4X-H1141	T4414500		5	2-Wire DC
	Bi 7-M18-AD4X-H1141	T4414541	<i>Extended Range</i>	7	
	Bi 5-EM18-AN6X-H1141	T4614601		5	3-Wire DC NPN
	Bi 5-M18-AN6X-H1141	T4614600		5	
	Bi 5U-EM18-AN6X-H1141	M1635350	<i>Uprox</i>	5	
	Bi 5U-M18-AN6X-H1141	M1635150	<i>Uprox</i>	5	
	Bi 7-EM18WD-AN6X-H1141	M4614534	<i>Washdown</i>	7	
	Bi 8-M18-AN6X-H1141	T4615100	<i>Extended Range</i>	8	
	Bi 5U-M18-ASIX-H1140	M1901004	<i>Uprox</i>	5	2-Wire ASI-BUS
	Bi 5-EM18-AP6X-H1141	T4614501		5	3-Wire DC PNP
	Bi 5-M18-AP6X-H1141	T4614500		5	
	Bi 5U-EM18-AP6X-H1141	M1635340	<i>Uprox</i>	5	
	Bi 5U-M18-AP6X-H1141	M1635140	<i>Uprox</i>	5	
	Bi 7-EM18WD-AP6X-H1141	M4614531	<i>Washdown</i>	7	
	Bi 7-M18WD-AP6X-H1141	M4614529	<i>Washdown</i>	7	
	Bi 8-M18-AP6X-H1141	T4615000	<i>Ext. Range</i>	8	
	Bi 8-EM18H-AP6X-H1141	T4615094	<i>Ext. Range</i>	8	
	Bi 8-EM18H-AP6X-H1141/S1589	T4615099	<i>weldguard</i>	8	
	Bi 5-EM18-VN4X-H1141	T4614699	<i>Comp. Output</i>	5	4-Wire DC NPN
	Bi 5-M18-VN4X-H1141	T1571800	<i>Comp. Output</i>	5	
	Bi 8-M18-VN4X-H1141	T4590702	<i>Ext. Range</i>	8	4-Wire DC PNP
	Bi 5-M18-VP4X-H1141	T1561800	<i>Comp. Output</i>	5	
	Bi 8-M18-VP4X-H1141	T4590701	<i>Ext. Range</i>	8	4-Wire DC PNP
	Bi 5-M18-Y1X-H1141	M4015200		5	2-Wire NAMUR
18 mm - Embeddable eurofast Connection, Stainless Steel 	Bi 5-EM18FM-AP6X-H1141	M4614539	<i>Stainless Steel Front Cap</i>	5	3-Wire DC PNP

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	1000	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.2T-*	1	Diagram 1 
	1000	≤100	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.2T-*	1	
10-30 VDC	1000	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RKV 4T-*	2	Diagram 2 
	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	2	
	2500	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	2	
	2500	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RKV 4T-*	2	
	1000	≤200	-25 to +85	IP 68, 69K	SS	PVDF	N/A	YE	RK 4T-*	2	
18-33 VDC	200	N/A	-30 to +85	IP 68	CPB	PA 12	N/A	YE	RKC 254-*M	7	Diagram 3 
	1000	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RKV 4T-*	3	
10-30 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	Diagram 4 
	2500	≤200	-30 to +85	IP 68	SS	PA 12	N/A	YE	RKV 4T-*	3	
	2500	≤200	-30 to +85	IP 67	CPB	PA 12	N/A	YE	RK 4T-*	3	
	1000	≤200	-25 to +85	IP 68, 69K	SS	PVDF	N/A	YE	RK 4T-*	3	
	1000	≤200	-25 to +85	IP 68, 69K	CPB	PA 12	N/A	YE	RK 4T-*	3	
	500	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	3	
	500	≤200	-25 to +70	IP 67	SS	SF	N/A	YE	RKV 4T-*	3	
	500	≤200	-25 to +70	IP 67	SS	WG	N/A	YE	RKV 4T-*	3	
10-65 VDC	1000	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RKV 4.4T-*	4	Diagram 5 
	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	4	
	500	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4.4T-*	4	
10-65 VDC	1000	≤200	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.4T-*	5	Diagram 6 
	500	≤200	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4.4T-*	5	
5-30 VDC	1000	Remote	-25 to +70	IP 67	CPB	PA 12	N/A	YE	RK 4.21T-*	6	Diagram 7 
10-30 VDC	180	≤200	-25 to +80	IP 68, 69K	SS	SS	N/A	YE	RKV 4T-*	3	

* Length in meters.



**NOTE
PRELIMINARY
SPECIFICATIONS**

SOURCE DRAWING - FOR REFERENCE ONLY

NOTE: ALL DIMENSION TOLERANCES ARE ±1.0 mm.

P1		IK	05/09/01	
REV	DESCRIPTION	By	DATE	ECO NO.

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.	 <i>High Technology Sensors and Automation Controls</i>	
MATERIAL	TOLERANCES UNLESS OTHERWISE SPECIFIED	DR-T IK	DATE 05/09/01	DESCRIPTION Bi 8-M18-VN4X-H1141
FINISH	±0.0394 in [±1.00 mm]	DSGN	SCALE 1=1.5	IDENTIFICATION NO. T4590702
			UNIT OF MEASUREMENT NCH [MILLIMETER]	REV P1
			DO NOT SCALE THIS DRAWING	FILE: T4590702 SHEET 1 OF 1