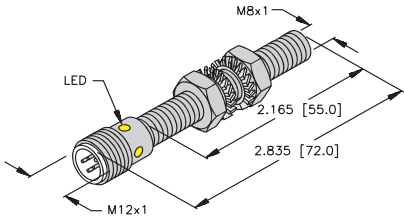


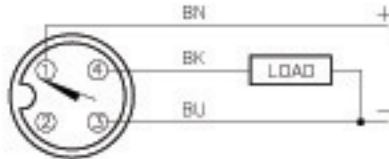
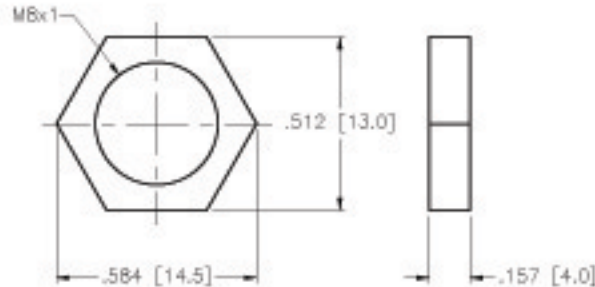
Inductive
Sensors

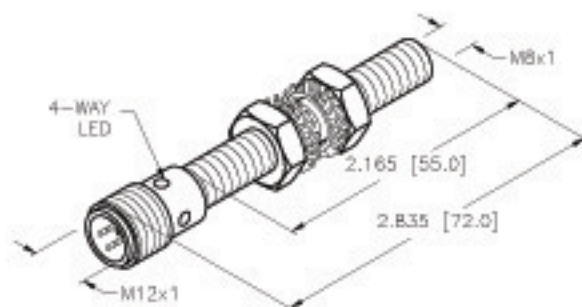


Housing Style	Part Number	ID Number	Features	Sensing Range (mm)	Output
8 mm - Embeddable, Miniature Threaded, eurofast® Quick Disconnect 	Bi 1.5-G08-AN6X-H1341	S4603700		1.5	3-Wire DC NPN
	Bi 1.5-G08-AN7X-H1341	S4701126	TTL Compatible	1.5	
	Bi 2-G08-AN6X-H1341	S4602600	Ext. Range	2	
	Bi 1.5-G08-AP6X-H1341	S4603600		1.5	3-Wire DC PNP
	Bi 2-G08-AP6X-H1341	S4602500	Ext. Range	2	

Voltage	Switching Freq. (Hz)	Operating Current (mA)	Operating Temp. (°C)	Protection	Housing	Face	Power LED	Output LED	Mating Cordset	Wiring Diagram #	Wiring Diagrams
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	1	Diagram 1
	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	1	
	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	1	
10-30 VDC	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	2	Diagram 2
	3000	≤150	-25 to +70	IP 67	SS	PA 12	N/A	YE	RK 4T-*	2	

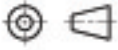
* Length in meters.

WIRING DIAGRAM	LOCKNUT LN-SS08	SPECIFICATIONS		
 OUTPUT: AP6X		OPERATING VOLTAGE	10-30 VDC	
		RIPPLE	≤10%	
SHORT-CIRCUIT AND OVERLOAD PROTECTED		DIFFERENTIAL TRAVEL (HYSTERESIS)	1-15% (5% TYPICAL)	
		VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤1.8 V at 150 mA	
		OUTPUT FUNCTION	NORMALLY OPEN 3-WIRE DC SELF-CONTAINED	
		TTL COMPATIBLE	NO	
		SHORT-CIRCUIT PROTECTED	YES	
		TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥170 mA	
		CONTINUOUS LOAD CURRENT	≤150 mA	
		LEAKAGE (OFF-STATE) CURRENT	<10 μA	
		NO-LOAD CURRENT	5.5-9.5 mA	
		TIME DELAY BEFORE AVAILABILITY	≤8 ms	
		POWER-ON EFFECT PROTECTION	INCORPORATED	
		REVERSE POLARITY PROTECTION	INCORPORATED	
		WIRE-BREAK PROTECTION	INCORPORATED	
		PROTECTION AGAINST TRANSIENTS	1 kV, 0.1 ms, 1kΩ	
		OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)	



NO-LOAD CURRENT	5.5-9.5 mA
TIME DELAY BEFORE AVAILABILITY	≤8 ms
POWER-ON EFFECT PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	1 kV, 0.1 ms, 1kΩ
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
ENCLOSURE	MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP67
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
LED FUNCTION	YELLOW: OUTPUT ENERGIZED
RATED OPERATING DISTANCE(Sn)	2 mm = .079" (NOMINAL)
SWITCHING FREQUENCY	3000 Hz
REPEATABILITY	±2% OF RATED OPERATING DISTANCE
SHIELDED	YES
MATING PLUGS/CABLES	4-PIN "EUROFAST" CONSTRUCTION

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS				3RD ANGLE PROJECTION		THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		TURCK INC High Technology Sensors and Automation Controls	
1.	2.	3.	4.			DATE 01/16/89	DESCRIPTION		
MATERIAL				TOLERANCES UNLESS OTHERWISE SPECIFIED		CRFT GMB	SCALE 1=2.0	Bi 2-G08-AP6X-H1341	
FINISH				.X ±0.02 .XX ±0.01 .XXX ±0.005 ANGLES ±1° ALL MILLIMETER DIMENSIONS ARE REFERENCE ONLY		UNIT OF MEASUREMENT		IDENTIFICATION NO.	
CHROME PLATED BRASS CONNECTOR						INCH [MILLIMETER]		S4602500	
						DO NOT SCALE THIS DRAWING		FILE: S4602500	
								SHEET 1 OF 1	

Q	UPDATE MATERIAL, NEW FORMAT	IK	08/16/00	T3880
REV	DESCRIPTION	BY	DATE	EDD NO.