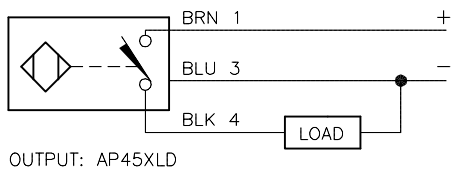


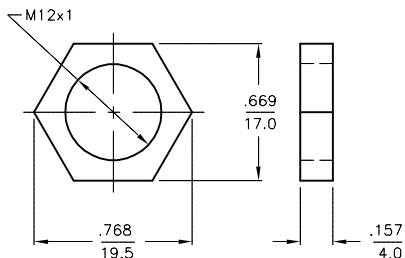
WIRING DIAGRAM



OUTPUT: AP45XLD

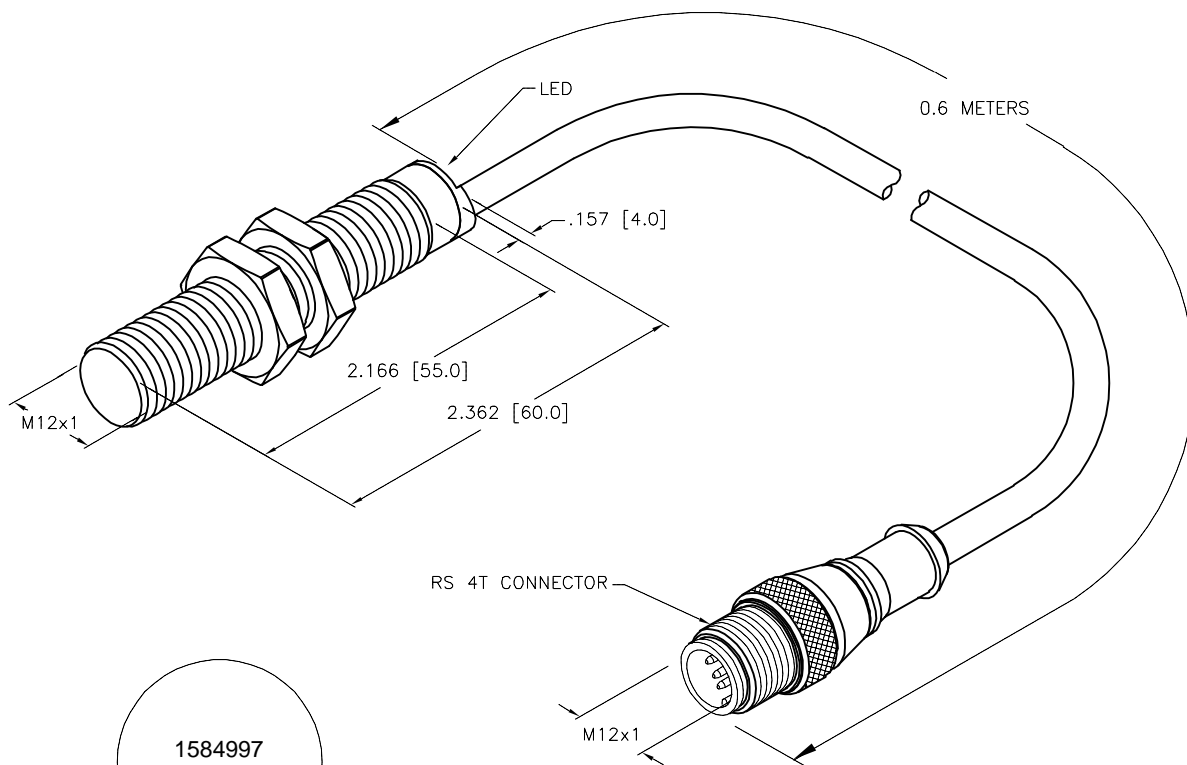
SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-M12 (SST)



SPECIFICATIONS

RATED OPERATING DISTANCE	4.0 mm [.157"]
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤ ±10% ≤ ±15%, ≤ -25°C V ≥ +70°C
HYSTERESIS	3-15%
MIN. REPEAT ACCURACY	≤ 2%
AMBIENT TEMPERATURE	-40°C to +85°C (-40°F to +185°F)
OPERATING VOLTAGE	8.4-65 VDC
RESIDUAL RIPPLE	≤ 10%
DC OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
LOAD DUMP PROTECTION	IV/LEVEL 4, din 40839 (SAE J 1113-11)
SWITCHING FREQUENCY	≤ 2.0 kHz
HOUSING MATERIAL	SST, AISI 304 (1.4301)
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30
END CAP MATERIAL	PLASTIC, EPTR
CONNECTION	CABLE
CABLE	∅5.2, Lif32Y32Y, TPE
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	150 g, 6 ms, (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP68/IP69K
SWITCHING STATUS INDICATION	LED/YELLOW
NOISE IMMUNITY	100 V/m RADIATED & 100 mA BCI



1584997
(DATE CODE)

PART NUMBER LASER
MARKED ON FACE

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.	3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
				TURCK
MATERIAL	SEE SPECIFICATIONS	DRFT NF	DATE 12/17/18	DESCRIPTION
FINISH	SEE SPECIFICATIONS	APVD A.F.	SCALE 1=1.0	BI4-EM12E-AP45XLD-0.6-RS4T
		UNIT OF MEASUREMENT		IDENTIFICATION NO.
		INCH [MILLIMETER]		1584997
		CONTACT TURCK FOR MORE INFORMATION		REV A
		DO NOT SCALE THIS DRAWING		FILE: 1584997
				SHEET 1 OF 1

A	DRAWING RELEASE	NF	03/01/19	
REV	DESCRIPTION	BY	DATE	ECO NO.