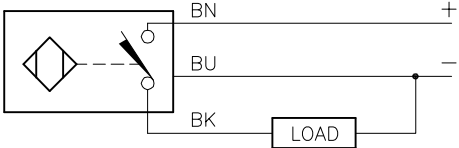
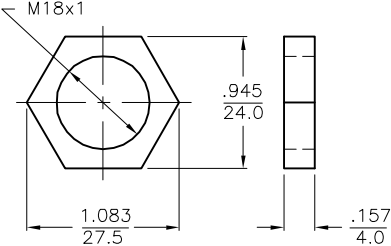
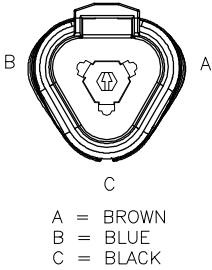
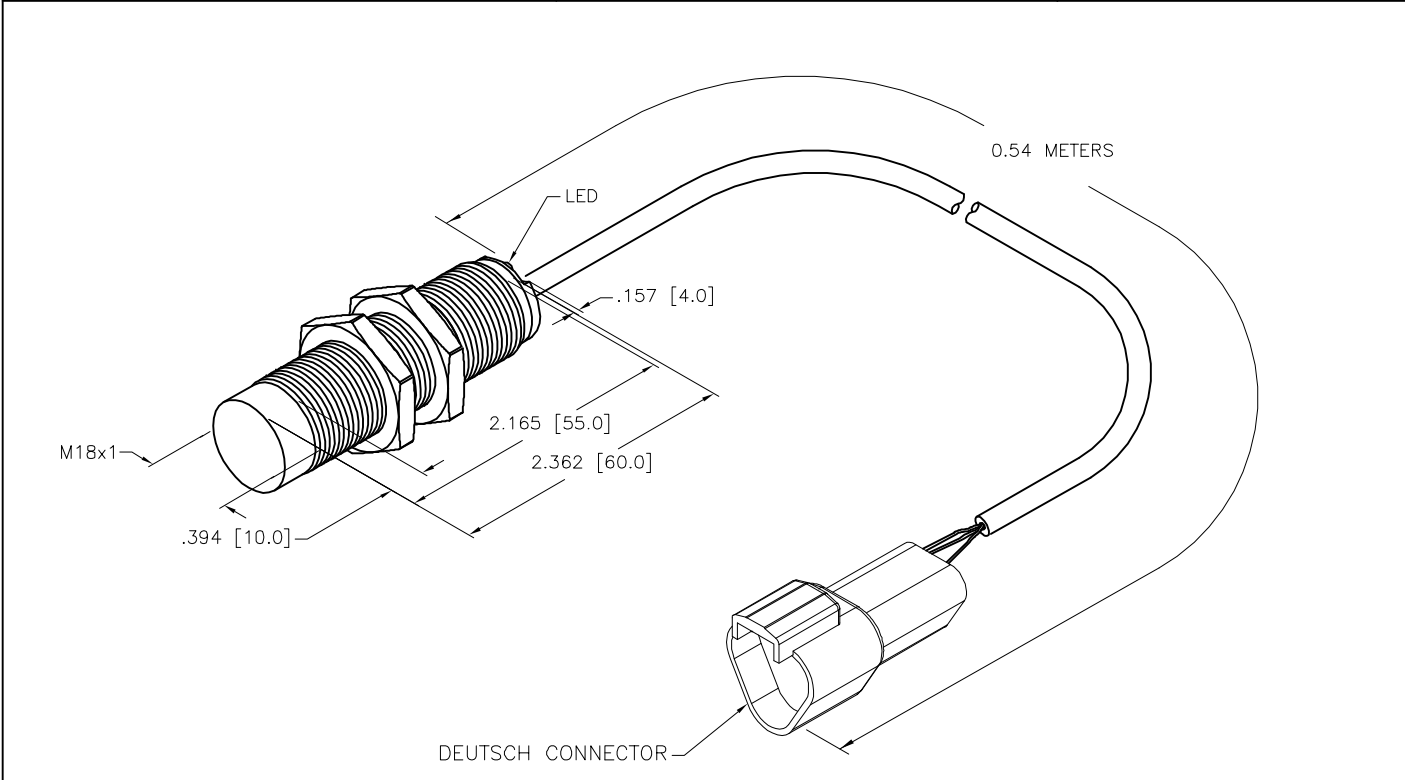


WIRING DIAGRAM	LOCKNUT LN-M18	CONNECTOR END VIEW	SPECIFICATIONS	
 OUTPUT: AP6X SHORT-CIRCUIT AND OVERLOAD PROTECTED			RATED OPERATING DISTANCE	8mm = .315"
			MOUNTING MODE	NON-FLUSH
			MIN. REPEAT ACCURACY	≤ 2%
			TEMPERATURE DRIFT	≤ ±10%
			HYSTERESIS	3-15%
			OPERATING TEMPERATURE	-40°C to +70°C (-40°F to +158°F)
			RATED OPERATIONAL VOLTAGE	10-30 VDC
			MAX. RIPPLE	≤ 10%
			DC RATED OPERATIONAL CURRENT	≤ 200 mA
			NO-LOAD CURRENT	≤ 15 mA
			RESIDUAL CURRENT	≤ 0.1 mA
			RATED INSULATION VOLTAGE	≤ 0.5 kV
			SHORT-CIRCUIT PROTECTION	YES
			MAX. VOLTAGE DROP	≤ 1.8 V
			WIRE BREAKAGE PROTECTION	INCORPORATED
			REVERSE POLARITY PROTECTION	INCORPORATED
			OUTPUT FUNCTION	NORMALLY OPEN, 3-WIRE, PNP
			MAX. SWITCHING FREQUENCY	≤ 0.5 kHz
			HOUSING MATERIAL	BRASS/CHROME PLATED
			ACTIVE FACE	PLASTIC, PA12-GF30
			END CAP	PLASTIC, PA12-GF30
			CABLE	ø5.69, PVC, 3x18 AWG
			VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
			SHOCK RESISTANCE	30 g, 11 ms
			DEGREE OF PROTECTION	IP67
			SWITCHING STATUS INDICATION	LED, YELLOW



NOTES:

1. "/CS12240" DESIGNATES 540MM CABLE FROM SENSOR TO END OF DEUTSCH CONNECTOR. SENSOR RATED TO -40 C.

DEUTSCH PART NUMBERS:
CONNECTOR: DT04-3P-E004
LOCKING WEDGE: W3P
PINS: 0460-202-16141 (3x)

PINOUT:
A = BROWN
B = BLUE
C = BLACK

E

UPDATE NOTE 1

TR

05/03/22

77598

REV

DESCRIPTION

BY

DATE

ECO NO.

RELATED DOCUMENTS

1.
2.
3.
4.

MATERIAL

SEE NOTES

FINISH

SEE NOTES

3RD ANGLE PROJECTION

THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.

DRFT

RDS

DATE 12/23/08

APVD

SCALE 1=1.3

UNIT OF MEASUREMENT

INCH [MILLIMETER]

DO NOT SCALE THIS DRAWING

3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1-800-544-7769
(763) 553-7300
(763) 553-0708 fax
www.turck.us

TURCK

DESCRIPTION

NI8-M18E-AP6X/CS12240

IDENTIFICATION NO.

4614788

REV

E

FILE: 4614788

SHEET 1 OF 1