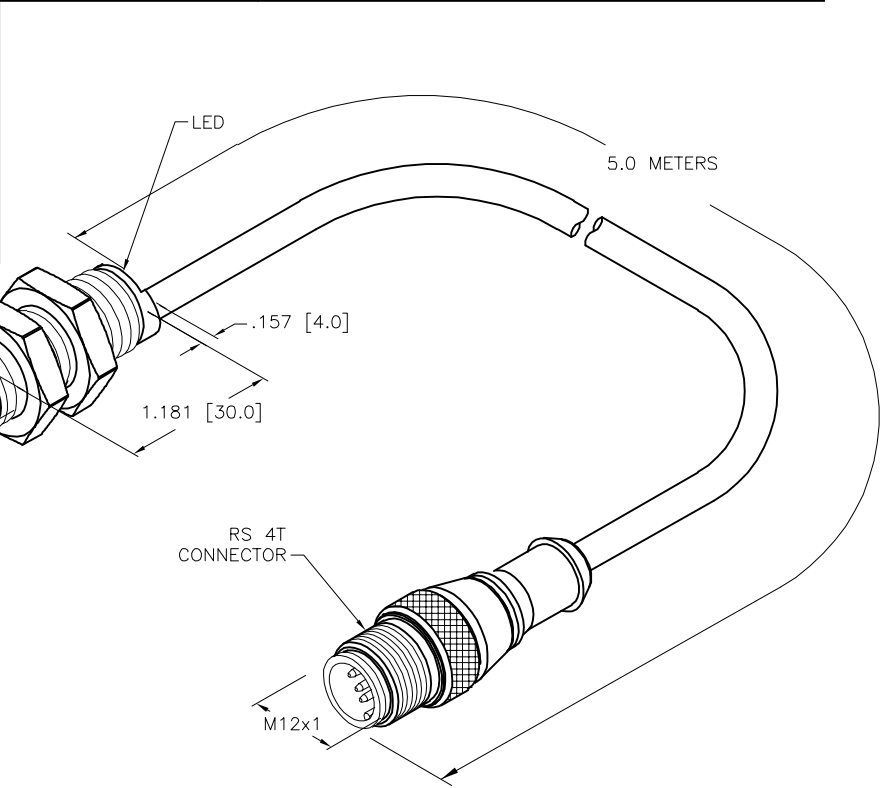
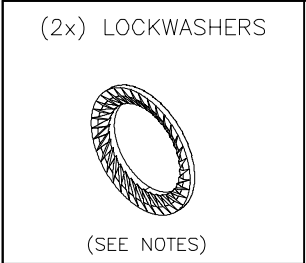


SPECIFICATIONS	
RATED OPERATING DISTANCE	2.0mm [.079]
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤±10%
HYSTERESIS	3-15%
MIN. REPEAT ACCURACY	≤2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 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	3-WIRE, NORMALLY OPEN, NPN
MAX. SWITCHING FREQUENCY	≤ 2.0 kHz
HOUSING MATERIAL	BRASS, CHROME-PLATED
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF20
CABLE	ø5.2, LfYY, TPU
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
SWITCHING STATUS INDICATION	LED: YELLOW



- NOTES:
1. "/S90" DESIGNATES THERMOPLASTIC POLYURETHANE (TPU) CABLE JACKET.
 2. "/S591" DESIGNATES SENSOR WITH 2 LOCKWASHERS ADDED TO BAG.

SOURCE DRAWING - FOR REFERENCE ONLY

A	DRAWING RELEASE	ER	12/14/20	
REV	DESCRIPTION	BY	DATE	ECO NO.

RELATED DOCUMENTS	3RD ANGLE PROJECTION	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.
1.		DRFT ER DATE 12/14/20 APVD A.F. SCALE 1=1.0
2.		
3.		DESCRIPTION
4.		IDENTIFICATION NO.
MATERIAL	SEE NOTES	REV
FINISH	SEE NOTES	A
	CONTACT TURCK FOR MORE INFORMATION	FILE: 46712002
		SHEET 1 OF 1

		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
		DESCRIPTION B12-G12K-AN6X-5-RS4T/S90/S591	
UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. 46712002	
DO NOT SCALE THIS DRAWING		FILE: 46712002	