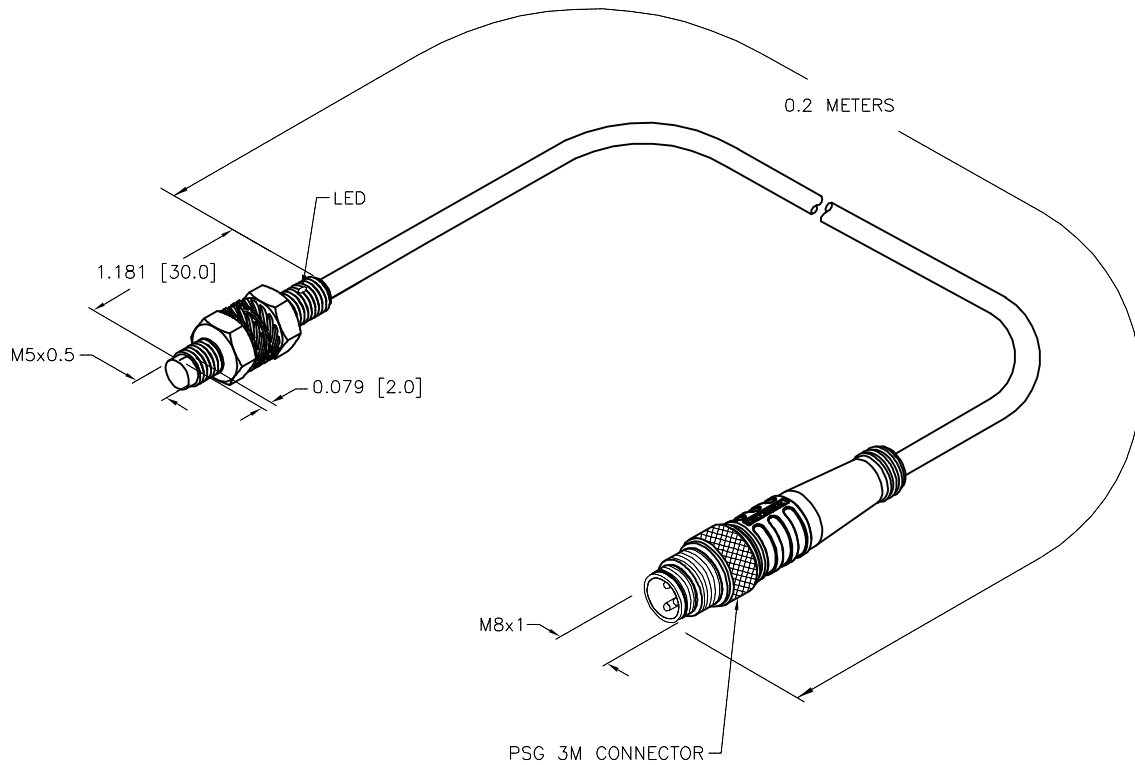


SPECIFICATIONS	
RATED OPERATING DISTANCE	3.0 mm = .018" (NOMINAL)
MOUNTING MODE	NON-FLUSH
MIN. REPEAT ACCURACY	≤ 5%
TEMPERATURE DRIFT	≤ ± 10%
HYSTERESIS	20%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 20%
RATED OPERATIONAL CURRENT (DC)	≤ 200 mA
NO-LOAD CURRENT	≤ 10 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTED	YES
MAX VOLTAGE DROP	≤ 2.0 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
MAX. SWITCHING FREQUENCY	≤ 1.2 kHz
HOUSING MATERIAL	METAL, SS 1.4305 (AISI 303)
ACTIVE FACE MATERIAL	METAL, SS 1.4305 (AISI 303)
CABLE	∅2.6, TPU
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED: YELLOW



SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS		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	
1. NOTE 2. PRELIMINARY 3. SPECIFICATIONS 4.				DRFT RDS DATE 03/16/18		DESCRIPTION NI3-EG05F-AP6X-0.2-PSG3M	
MATERIAL SEE NOTES		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		APVD A.F. SCALE 1=1.0		IDENTIFICATION NO. 4414751	
FINISH SEE NOTES		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT INCH [MILLIMETER]		REV P1	
P1 DRAWING RELEASE PENDING		RDS 03/16/18		DO NOT SCALE THIS DRAWING		FILE: 4414751 SHEET 1 OF 1	
REV	DESCRIPTION	BY	DATE	ECO NO.			