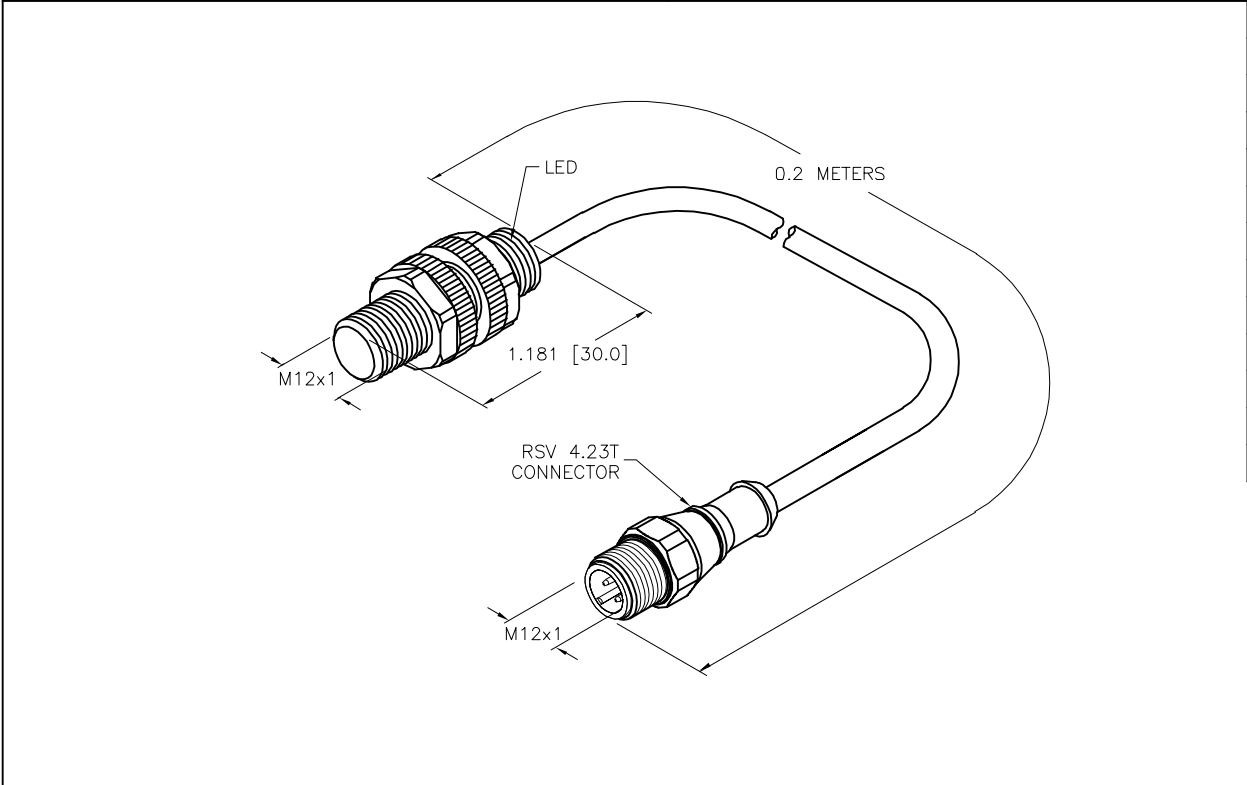


SPECIFICATIONS

OPERATING VOLTAGE	10-65 VDC
RIPPLE	≤ 10%
HYSTERESIS	3-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 5.0 V at 100 mA
OUTPUT FUNCTION	NORMALLY OPEN 2-WIRE DC SELF-CONTAINED
SHORT-CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥ 120 mA
CONTINUOUS LOAD CURRENT	≤ 100 mA
RESIDUAL CURRENT	≤ 0.8mA
MINIMUM LOAD CURRENT	≥ 3.0 mA
INRUSH CURRENT	≤ 1.0 A (≤ 10 ms/5 Hz)
TIME DELAY BEFORE AVAILABILITY	≤ 10 ms
POWER-ON EFFECT	IEC 947-5-2
PROTECTION AGAINST TRANSIENTS	EN 60947-5-2
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
ENCLOSURE	MEETS NEMA 1, 3, 4, 4X, 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	4 mm = .157" (NOMINAL)
SWITCHING FREQUENCY	1000 Hz
REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
SHIELDED	NO



NOTES:

- MATERIALS:
 BARREL - PA12-GF30 PLASTIC
 LOCKNUTS - PA12-GF30 PLASTIC
 END CAP - TPE-O-ELASTOMER
 CONNECTOR - STAINLESS STEEL
 CONTACTS - GOLD PLATED BRASS
 PLUG BODY - PVC
- "/S1624" DESIGNATES REAR LED WITH LENS FOR WASHDOWN APPLICATION.

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.		<div style="text-align: center;"> </div> 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
MATERIAL SEE NOTES		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		APVD	A.F.	SCALE	1=1.3
				FINISH SEE NOTES		UNIT OF MEASUREMENT INCH [MILLIMETER]	
DO NOT SCALE THIS DRAWING		FILE: 1302286					

B	UPDATE WIRING DIAGRAM	RDS	10/28/22	78069
REV	DESCRIPTION	BY	DATE	ECO NO.