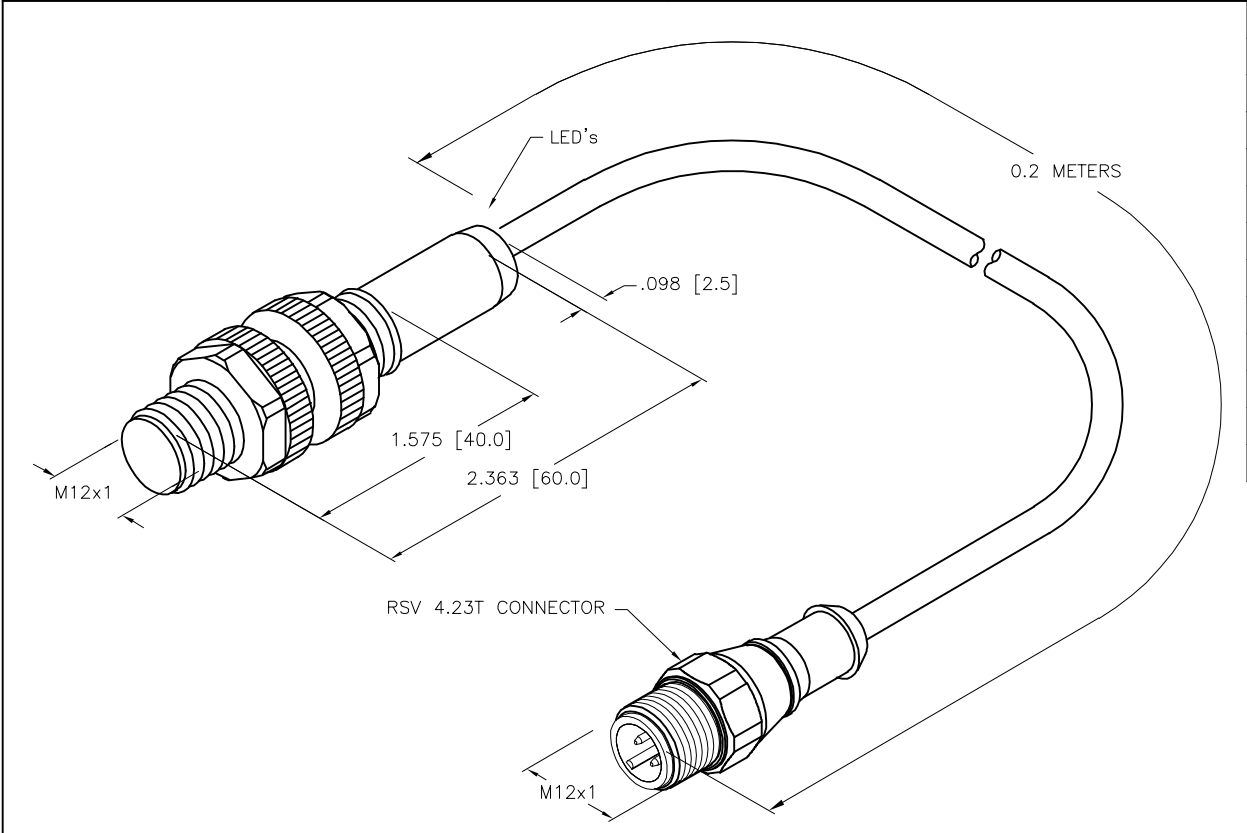


SPECIFICATIONS

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



SOURCE DRAWING - FOR REFERENCE ONLY

NOTES: 1. MATERIALS:
 BARREL - PA12-GF30 PLASTIC
 LOCKNUTS - PA12-GF30 PLASTIC
 END CAP - TPE-O-ELASTOMER
 CONNECTOR - STAINLESS STEEL
 CONTACTS - GOLD PLATED BRASS
 PLUG BODY - PVC

2. "/S1624" INDICATES REAR LED LENS FOR WASHDOWN APPLICATION.

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.		TURCK		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
		MATERIAL SEE NOTES	DRFT APVD	DATE SCALE	DESCRIPTION NI4-S12-AD4X-0.2-RSV4.23T/S1624		IDENTIFICATION NO. 4453291
FINISH SEE NOTES	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT INCH [MILLIMETER]		DO NOT SCALE THIS DRAWING		FILE: 4453291	SHEET 1 OF 1

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