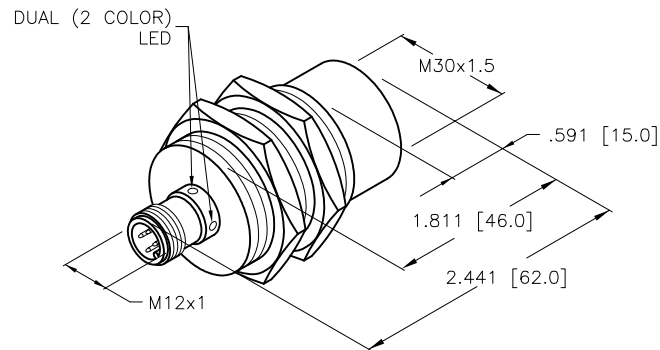


SPECIFICATIONS	
OPERATING VOLTAGE	10-30 VDC
RIPPLE	≤10%
DIFFERENTIAL TRAVEL (HYSTERESIS)	3-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤1.8 V at 200 mA
OUTPUT FUNCTION	NORMALLY OPEN 3-WIRE DC SELF-CONTAINED
SHORT-CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥220 mA
CONTINUOUS LOAD CURRENT	≤200 mA
OFF-STATE (LEAKAGE) CURRENT	<10 μA
NO-LOAD CURRENT	≤15 mA
TIME DELAY BEFORE AVAILABILITY	≤8 ms
POWER-ON EFFECT	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	Per EN 60947-5-2
OPERATING TEMPERATURE (10% DRIFT)	-25°C to +70°C (-13°F to +158°F)
OPERATING TEMPERATURE (15% DRIFT)	-30°C to +85°C (-22°F to +185°F)
ENCLOSURE	MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP68
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
LED FUNCTION	GREEN = POWER ON GREEN(FLASH) = SHORT CIRCUIT YELLOW = OUTPUT ENERGIZED
RATED OPERATING DISTANCE(Sn)	20 mm = .787" (NOMINAL)
SWITCHING FREQUENCY	1500 Hz
REPEATABILITY	≤2% of RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	NO



#### NOTES:

- UPROX HAS WELD FIELD IMMUNITY, SENSOR IS SUITABLE FOR USE ON RESISTANCE MACHINES.
- MATERIAL:

STAINLESS STEEL BARREL  
STAINLESS STEEL CONNECTOR  
STAINLESS STEEL LOCKNUTS  
PTFE COATED LOCKWASHERS

#### NOTE PRELIMINARY SPECIFICATIONS

#### SOURCE DRAWING - FOR REFERENCE ONLY

<div>NOTES:</div> <div>1. UPROX HAS WELD FIELD IMMUNITY, SENSOR IS SUITABLE FOR USE ON RESISTANCE MACHINES.</div> <div>2. MATERIAL:<div>STAINLESS STEEL BARREL</div><div>STAINLESS STEEL CONNECTOR</div><div>STAINLESS STEEL LOCKNUTS</div><div>PTFE COATED LOCKWASHERS</div></div>					RELATED DOCUMENTS		3RD ANGLE PROJECTION		<div>THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.</div> <div><div>TURCK INC</div><div>High Technology Sensors and Automation Controls</div></div> <div>3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com</div>							
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					MATERIAL		SEE NOTES		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DRFT CBM		DATE 02/26/01		DESCRIPTION Ni20U-EM30-AP6X2-H1141	
					FINISH						DSGN		SCALE NONE			
									CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT		IDENTIFICATION NO.		REV	
P2 REMOVE TRADEMARKED MATERIAL REFERENCES		CBM 11/16/12 40471				INCH [ MILLIMETER ]		M1646345		P2						
REV DESCRIPTION		BY DATE ECO NO.				DO NOT SCALE THIS DRAWING		FILE: M1646345		SHEET 1 OF 1						