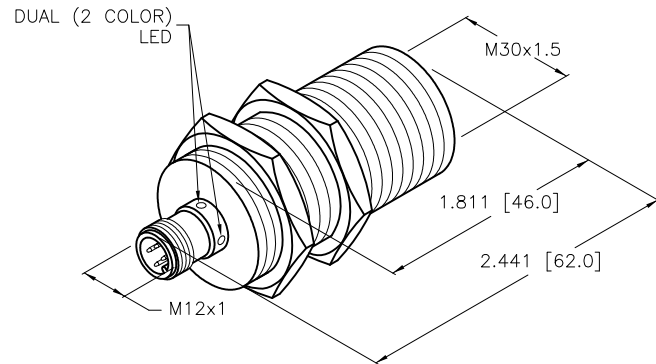
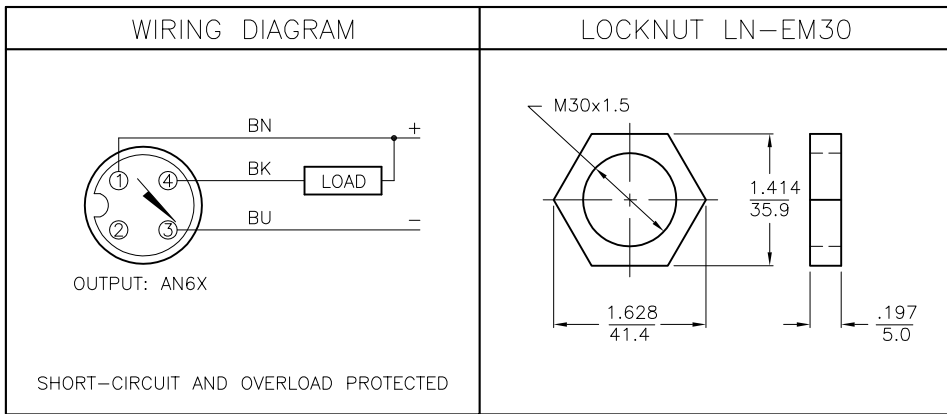




SPECIFICATIONS	
OPERATING VOLTAGE	10-30 VDC
RIPPLE	≤10%
DIFFERENTIAL TRAVEL (HYSTERESIS)	3-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤1.8 V at 200 mA
OUTPUT FUNCTION	NORMALLY OPEN 3-WIRE DC SELF-CONTAINED
SHORT-CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥220 mA
CONTINUOUS LOAD CURRENT	≤200 mA
OFF-STATE (LEAKAGE) CURRENT	≤0.1 mA
NO-LOAD CURRENT	≤15 mA
TIME DELAY BEFORE AVAILABILITY	≤8 ms
POWER-ON EFFECT	PER IEC 947-5-2
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	YELLOW: OUTPUT ENERGIZED
RATED OPERATING DISTANCE(Sn)	15 mm = .591" (NOMINAL)
SWITCHING FREQUENCY	2500 Hz
REPEATABILITY	≤2% of RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	YES

NOTES:

- MATERIAL:
STAINLESS STEEL BARREL
STAINLESS STEEL CONNECTOR
STAINLESS STEEL LOCKNUTS
- GLASS-FILLED THERMOSET PLASTIC SENSING FACE.

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:					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. MATERIAL:					1.							
STAINLESS STEEL BARREL					2.							
STAINLESS STEEL CONNECTOR					3.							
STAINLESS STEEL LOCKNUTS					4.							
2. GLASS-FILLED THERMOSET PLASTIC SENSING FACE.					MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DRFT		RDS	
					SEE NOTES				DATE		10/29/01	
									APVD		SCALE	
											1=2.0	
					FINISH		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT		DESCRIPTION	
									INCH [MILLIMETER]		BI15-EM30H-AN6X-H1141	
											IDENTIFICATION NO.	
											4618692	
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D UPDATE ID NUMBER PER HARMONIZATION PROJECT					CBM		11/06/17		DO NOT SCALE THIS DRAWING		FILE: 4618692	
REV DESCRIPTION					BY		DATE				SHEET 1 OF 1	
ECO NO.												