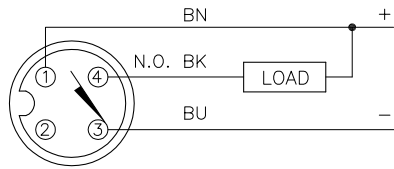
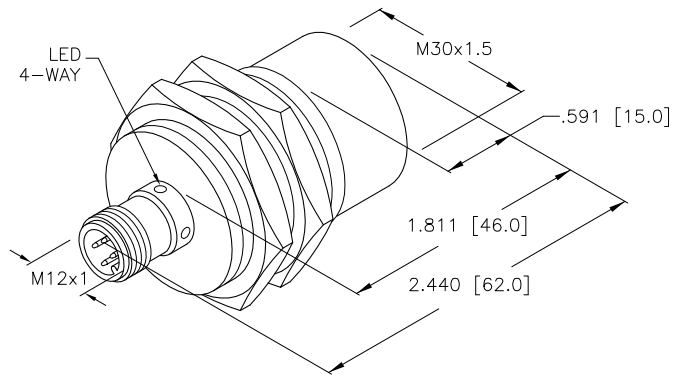


WIRING DIAGRAM



OUTPUT: AN6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED



NOTE:

MATERIALS:
 BARREL - CHROME PLATED BRASS
 LOCKNUTS - CHROME PLATED BRASS
 CONNECTOR - CHROME PLATED BRASS
 SENSING FACE - PA12-GF30 PLASTIC

SPECIFICATIONS

OPERATING VOLTAGE	10-30 VDC
HYSTERESIS (DIFFERENTIAL TRAVEL)	3-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 1.8 V at 200 mA
OUTPUT FUNCTION	NORMALLY OPEN 3-WIRE DC
TTL COMPATIBLE	NO
SHORT-CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥ 220 mA
CONTINUOUS LOAD CURRENT	≤ 200 mA
OFF-STATE (LEAKAGE) CURRENT	< 100 μA
NO-LOAD CURRENT	≤ 10 mA
TIME DELAY BEFORE AVAILABILITY	≤ 8 ms
POWER-ON EFFECT	Per IEC 947-5-2
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
TRANSIENT PROTECTION	Per EN 60947-5-2
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
ENCLOSURE	MEETS NEMA 1, 3, 4, 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(Sn)	20 mm = .787" (NOMINAL)
SWITCHING FREQUENCY	500 Hz
REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
SHIELDED	NO
TEMPERATURE DRIFT	< ±15%
MATING PLUGS/CABLES	4-PIN "EUROFAST" CONSTRUCTION
LOCKNUT M30x1.5	36 mm AF, 41.5 mm AC, 5 mm THK

SOURCE DRAWING - FOR REFERENCE ONLY

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1.		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	CONTACT TURCK FOR MORE INFORMATION	DRFT	IK	DATE	03/12/01
2.				DSGN		SCALE	1=1.5
3.		SEE NOTE	SEE NOTE	UNIT OF MEASUREMENT		DESCRIPTION	
4.				INCH [MILLIMETER]		Ni20-M30-AN6X-H1141	
				IDENTIFICATION NO.		REV	
				T4670515		A	
				DO NOT SCALE THIS DRAWING		FILE: T4670515	
						SHEET 1 OF 1	

A	DRAWING RELEASE	IK	04/30/01	
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