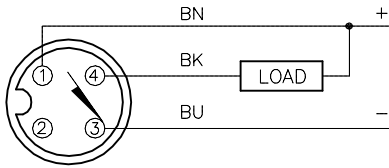


WIRING DIAGRAM

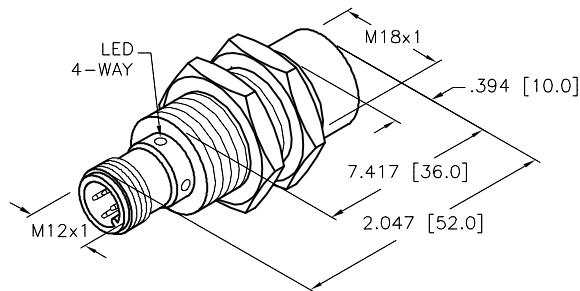
OUTPUT: AN6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED



OUTPUT: AN6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED



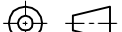
SPECIFICATIONS	
OPERATING VOLTAGE	10–30 VDC
HYSTERESIS (DIFFERENTIAL TRAVEL)	3–15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤1.8 V at 200 mA
OUTPUT FUNCTION	NORMALLY OPEN 3–WIRE DC
TTL COMPATIBLE	NO
SHORT–CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥ 220 mA
CONTINUOUS LOAD 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)	14 mm = 0.551" (NOMINAL)
MAX. SWITCHING FREQUENCY	≤ 0.5 kHz
REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
TEMPERATURE DRIFT	< ±15%
EMBEDDABLE (SHIELDED)	NO
MATING PLUGS/CABLES	4–PIN "EUROFAST" CONSTRUCTION
LOCKNUT M18x1	24.0 mm AF, 27.5 mm AC, 4.0 mm THK

SOURCE DRAWING - FOR REFERENCE ONLY

MATERIAL:

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

P2	DRAWING PROCESSED AS PART OF ECO 40518	KMY	11/29/12	40518
REV	DESCRIPTION	BY	DATE	ECO NO.

RELATED DOCUMENTS	3RD ANGLE PROJECTION	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		<div>TURCK INC</div> <div>High Technology Sensors and Automation Controls</div>		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com		
1.		DRFT	IK	DATE	03/14/01			
2.		APVD		SCALE	1=1.5			
3.		UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING			DESCRIPTION Ni14-M18-AN6X-H1141		IDENTIFICATION NO. T4611410	REV P2
4.					FILE: T4611410			
MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY							
SEE NOTE								
FINISH	CONTACT TURCK FOR MORE INFORMATION							
SEE NOTE								