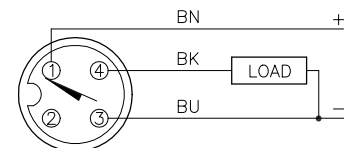
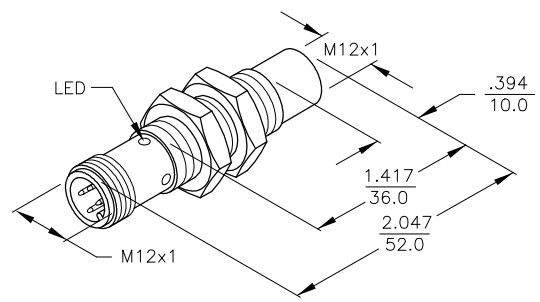


WIRING DIAGRAM				
<div></div> <p>OUTPUT: AP6X</p>				
SHORT-CIRCUIT AND OVERLOAD PROTECTED				
<div></div>				

SPECIFICATIONS	
OPERATING VOLTAGE	10–30 VDC
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
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	≤ 15 ms
TIME DELAY BEFORE AVAILABILITY	≤ 8 ms
POWER-ON EFFECT	Per IEC 60947–5–2
REVERSE POLARITY PROTECTION	YES
WIRE-BREAK PROTECTION	YES
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
SENSING RANGE	8 mm = .315" (NOMINAL)
SWITCHING FREQUENCY	2000 Hz
REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	NO
MATING PLUGS/CABLES	4-PIN "EUROFAST" CONSTRUCTION (STAINLESS STEEL)
LOCKNUT M12x1	17 mm AF, 19.5 mm AC, 4 mm THK

NOTE

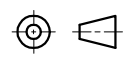
PRELIMINARY SPECIFICATIONS

NOTES:

1. UPROX HAS FIELD IMMUNITY, SENSOR IS SUITABLE FOR USE ON RESISTANCE MACHINES.

2.MATERIALS:

BARREL – STAINLESS STEEL
LOCKNUTS – STAINLESS STEEL
CONNECTOR – STAINLESS STEEL
SENSING FACE – PA12-GF30 PLASTIC

RELATED DOCUMENTS		3RD ANGLE PROJECTION		THIS DOCUMENT IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		<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>	
1.				DRFT		DATE 02/16/01	
2.				IK			
3.				DSGN			
4.				SCALE 1=2.0			
MATERIAL		TOLERANCES UNLESS OTHERWISE SPECIFIED		UNIT OF MEASUREMENT		DESCRIPTION	
SEE NOTE 2		.X ±0.02 .XX ±0.01 .XXX ±0.005 ANGLES ±1° ALL MILLIMETER DIMENSIONS ARE REFERENCE ONLY		INCH [MILLIMETER]		Ni 8U-EM12-AP6X-H1141	
FINISH		COPPER/NICKEL CHROME PLATING		DO NOT SCALE THIS DRAWING		IDENTIFICATION NO. M1644340	
P1		IK		02/16/01		REV P1	
REV		DESCRIPTION		BY		DATE	
				ECO NO.		FILE: M1644340	
						SHEET 1 OF 1	