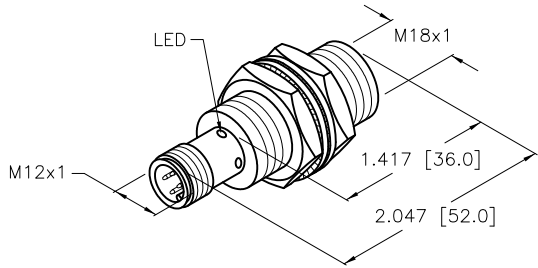


SPECIFICATIONS	
OPERATING VOLTAGE	10-30 VDC
RIPPLE	≤ 10%
DIFFERENTIAL TRAVEL (HYSTERESIS)	3-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 1.8 V at 200 mA
OUTPUT FUNCTION	NORMALLY OPEN 3-WIRE DC SELF-CONTAINED
TTL COMPATIBLE	NO
SHORT-CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥ 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 PROTECTION	per IEC 947-5-2
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	EN 60947-5-2
OPERATING TEMPERATURE:	10% TEMP. DRIFT: -25°C to +70°C (-13°F to +158°F) 15% TEMP. DRIFT: -30°C to +85°C (-22°F to +185°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 ON	OUTPUT ENERGIZED
LED FLASHING	SHORT-CIRCUIT WARNING
RATED OPERATING DISTANCE(Sn)	5 mm = .197" (NOMINAL)
SWITCHING FREQUENCY	2500 Hz
REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	YES



NOTES:

- UPROX HAS WELD FIELD IMMUNITY, SENSOR IS SUITABLE FOR USE ON RESISTANCE WELDING MACHINES.
- MATERIALS:
TEFLON COATED BRASS BARREL.
CHROME PLATED BRASS CONNECTOR.
TEFLON COATED BRASS LOCKNUTS.
BLACK CHROMATED STEEL LOCKWASHERS.
TEFLON COATED PA 12-GF30 PLASTIC SENSING FACE.

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION	THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.	 High Technology Sensors and Automation Controls 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com		
	TOLERANCES UNLESS OTHERWISE SPECIFIED				DRFT IK
MATERIAL SEE NOTE 2	.X ±0.02 .XX ±0.01 .XXX ±0.005 ANGLES ±1°	DSGN	SCALE 1=2.0	IDENTIFICATION NO. M1635240	REV A
FINISH	ALL MILLIMETER DIMENSIONS ARE REFERENCE ONLY	UNIT OF MEASUREMENT INCH [MILLIMETER]		FILE: M1635240	SHEET 1 OF 1
A REMOVE 1635250 FROM THE DRAWING, NEW PART VIEW	IK	3/22/99	B2764		
REV DESCRIPTION	BY	DATE	ECO NO.		