

WIRING DIAGRAM

OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-M18

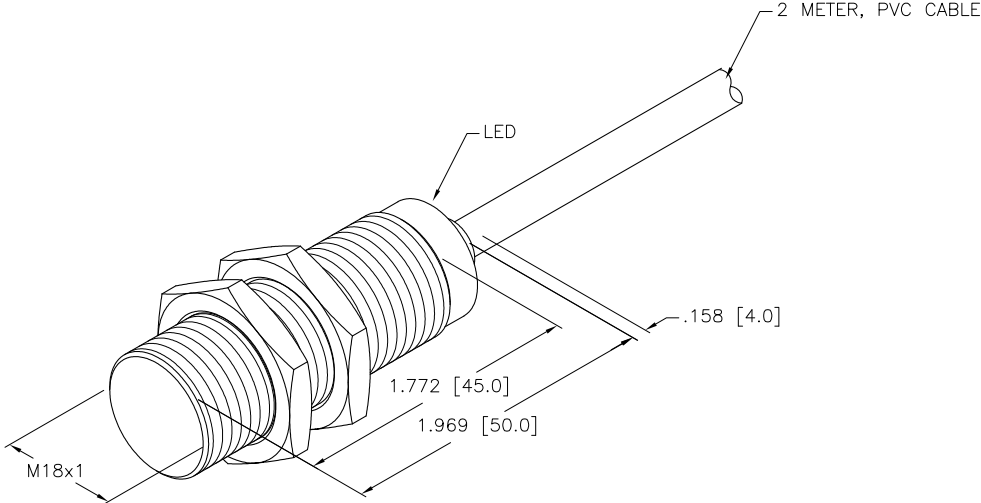
M18x1

1.083
27.5

.945
24.0

.157
4.0

SPECIFICATIONS	
RATED OPERATING DISTANCE	8mm [.315]
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤±10%
HYSTERESIS	3–15%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	–25°C to +75°C (–13°F to +167°F)
RATED OPERATIONAL VOLTAGE	10–30 VDC
MAX. RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
MAX. OFF-STATE CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
MAX. SWITCHING FREQUENCY	≤ 1.5 kHz
HOUSING MATERIAL	BRASS, CHROME PLATED
ACTIVE FACE	PLASTIC, LCP-GF30
END CAP	PLASTIC, EPTR
CABLE	ø5.2, LifYY, PVC, 2 METER LENGTH
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 68
SWITCHING STATUS INDICATION	LED, YELLOW



SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:
1. UPROX HAS IMMUNITY TO AC AND DC WELD FIELDS.

RELATED DOCUMENTS

3RD ANGLE PROJECTION

THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.

1.
2.
3.
4.

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT RDS

DSGN EH

UNIT OF MEASUREMENT

INCH [MILLIMETER]

DO NOT SCALE THIS DRAWING

DATE 09/20/05

SCALE 1=1.0

DESCRIPTION

BI 8U-M18-AP6X

IDENTIFICATION NO.

M1644733

REV

A

3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1-800-544-7769
(763) 553-7300
(763) 553-0708 fax
turck.com

A	DRAWING RELEASE	RDS	09/20/05	
REV	DESCRIPTION	BY	DATE	ECO NO.