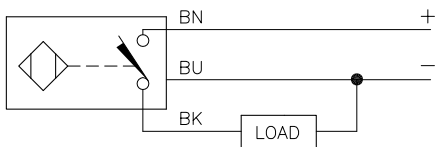
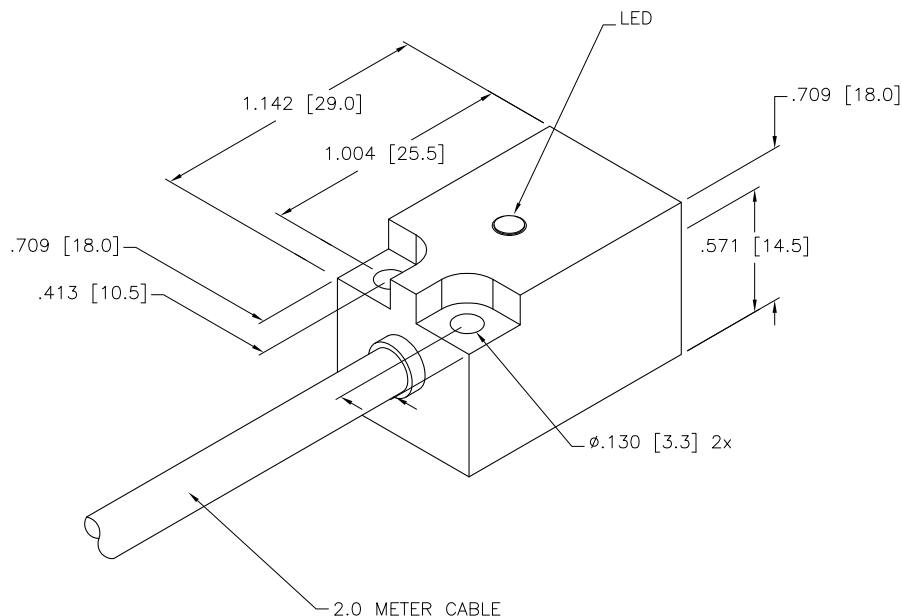


WIRING DIAGRAM



OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

RATED OPERATING DISTANCE(Sn)	5 mm = .197" (NOMINAL)
MOUNTING MODE	NON-FLUSH
DIFFERENTIAL TRAVEL (HYSTERESIS)	3-15%
REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
TEMPERATURE DRIFT	≤ ±10%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATING VOLTAGE	10-30 VDC
MAX. RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
MAX. OFF-STATE CURRENT	≤ 0.1 mA
MAX. SWITCHING FREQUENCY	≤ 0.5 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
OUTPUT FUNCTION	3-WIRE DC, NORMALLY OPEN, PNP
SHORT-CIRCUIT PROTECTION	INCORPORATED
MAX. VOLTAGE DROP	≤ 1.8 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
HOUSING MATERIAL	PLASTIC, PBT-GF30-V0
ACTIVE FACE	PLASTIC, PBT-GF30-V0
CABLE	ø5.2, LifYY, PVC, 2.0 METERS
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 x g (11 ms)
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED, YELLOW

RELATED DOCUMENTS		3RD ANGLE PROJECTION		<div>THIS DOCUMENT IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.</div>		<div>3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com</div>			
1. 2. 3. 4.		<div></div>							
MATERIAL		<div>ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY</div> <div>CONTACT TURCK FOR MORE INFORMATION</div>		DRFT	RDS	DATE	08/16/04	DESCRIPTION	
PLASTIC PBT-GF30-V0				DSGN	BT	SCALE	1=.8		
FINISH				UNIT OF MEASUREMENT				IDENTIFICATION NO.	
		INCH [MILLIMETER]				M4614606		A	
		DO NOT SCALE THIS DRAWING				FILE: M4614606		SHEET 1 OF 1	

A	DRAWING RELEASE	RDS	08/16/04	
REV	DESCRIPTION	BY	DATE	ECO NO.