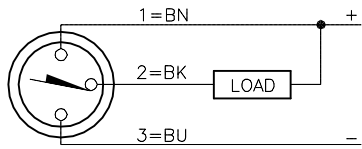


### WIRING DIAGRAM

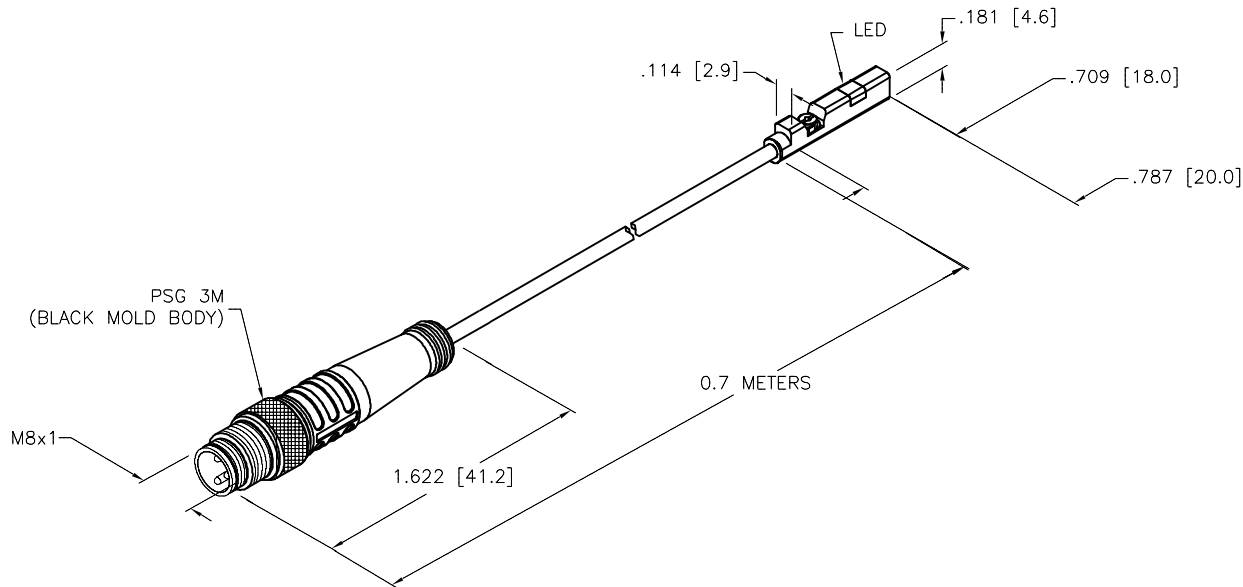


OUTPUT: AN6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

### SPECIFICATIONS PER SENSOR

PASS SPEED	≤ 3 m/s
HYSTERESIS	≤ 1mm
TEMPERATURE DRIFT	≤ 0.1mm
MIN. ABSOLUTE REPEAT ACCURACY	≥ ±0.1mm
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤ 100 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
MAX. SWITCHING FREQUENCY	≤ 1.0 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
OUTPUT FUNCTION	NORMALLY OPEN, 3-WIRE, NPN
SHORT-CIRCUIT PROTECTION	YES, CYCLIC
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
HOUSING MATERIAL	PLASTIC, PP
ACTIVE FACE MATERIAL	PLASTIC, PP
CABLE	∅2.0, TPU/GRAY
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK	30 g, 11 ms
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED, YELLOW
INCLUDED IN SCOPE OF SUPPLY	CABLE CLIP



**SOURCE DRAWING - FOR REFERENCE ONLY**

**NOTES:**

1. "/S771" DESIGNATES BLACK MOLD BODY.

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION 	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com	
	MATERIAL SEE SPECIFICATIONS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT RDS APVD	DATE 09/09/10 SCALE 1=1.0	DESCRIPTION BIM-UNR-AN6X-0.7M-PSG 3M/S771 W/M
FINISH SEE SPECIFICATIONS	CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT <b>INCH [ MILLIMETER ]</b>		IDENTIFICATION NO. S4685852	REV C
C UPDATE PICOFAST COUPLING NUT PER ECO KMY 05/23/13 40191		DO NOT SCALE THIS DRAWING		FILE: S4685852	SHEET 1 OF 1

REV	DESCRIPTION	BY	DATE	ECO NO.
C	UPDATE PICOFAST COUPLING NUT PER ECO	KMY	05/23/13	40191