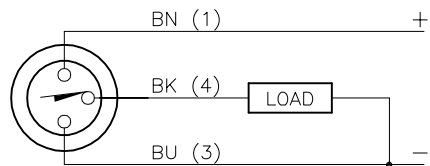
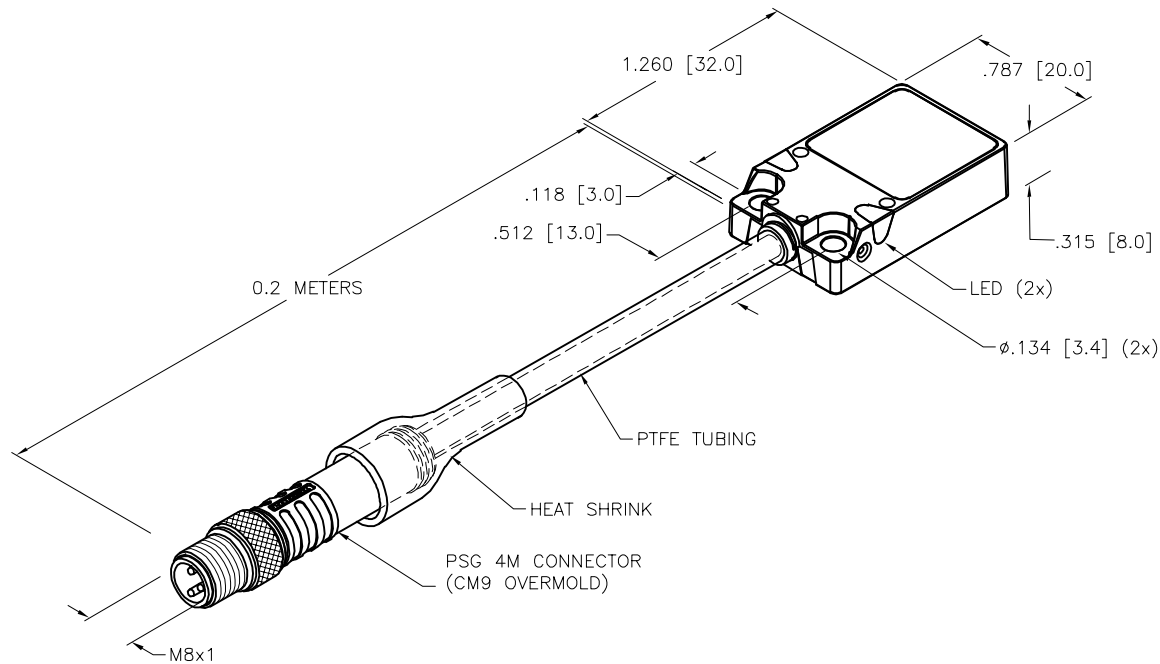


WIRING DIAGRAM



OUTPUT: AP6X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

RATED OPERATING DISTANCE	7mm = .276" (NOMINAL)
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤ ± 10%
HYSTERESIS (SWITCHING DISTANCE)	3-15%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 1.8 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
OUTPUT FUNCTION	NORMALLY OPEN, 3-WIRE, pnp
MAX. SWITCHING FREQUENCY	≤ 0.5 kHz
HOUSING MATERIAL	METAL, ZAMAK, NICKEL-PLATED
ACTIVE FACE	PLASTIC, PP, YELLOW
CABLE	ø3.0mm, LifY-11Y, TPU
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP68
OPERATING VOLTAGE DISPLAY	LED: GREEN
SWITCHING STATUS INDICATION	LED: YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

1. "/S1154" DESIGNATES WELDGUARD COATED SENSOR TO BE USED AS BASE UNIT. USE PTFE TUBING OVER SENSOR CABLE.

- PTFE TUBING STARTS AT SENSOR END, AND GETS CAPTURED IN THE CONNECTOR MOLDING MATERIAL

- SLIDE 35MM OF SHRINK TUBING TO OVERLAP CONNECTOR MOLD BODY AND PTFE TUBING

RELATED DOCUMENTS		3RD ANGLE PROJECTION		<div>THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.</div> <div>TURCK</div>		<div>3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us</div>			
1.									
2.		<div>ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY</div> <div>CONTACT TURCK FOR MORE INFORMATION</div>		DRFT	RDS	DATE	09/03/14	DESCRIPTION BI7-Q08-AP6X2-0.2-PSG3M/S1154	
3.				APVD	A.F.	SCALE	1=1.0		
4.				UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING				IDENTIFICATION NO. 16016005	
MATERIAL				FILE: 16016005				SHEET 1 OF 1	
FINISH									

E	UPDATED PICOFAST MOLD BODY TO CM9	ER	05/25/22	500000005371
REV	DESCRIPTION	BY	DATE	ECO. NO.