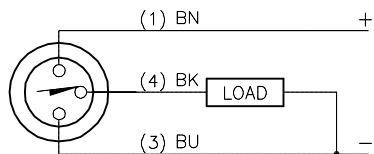
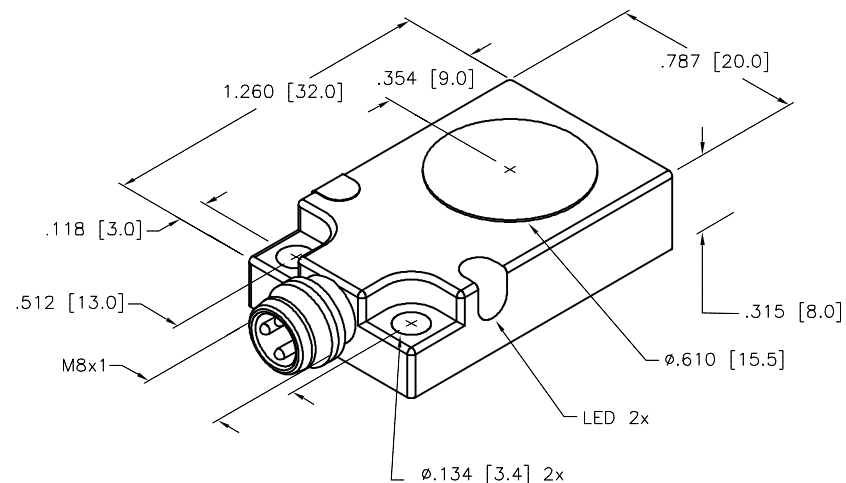


## WIRING DIAGRAM



OUTPUT: AP6X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED

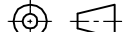


## SPECIFICATIONS

RATED OPERATING DISTANCE	5mm = .197" (NOMINAL)
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	$\leq \pm 10\%$
HYSTERESIS	3–15%
MIN. REPEAT ACCURACY	$\leq 2\%$
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10–30 VDC
RESIDUAL RIPPLE	$\leq 10\%$
RATED OPERATIONAL CURRENT	$\leq 200$ mA
NO-LOAD CURRENT	$\leq 15$ mA
RESIDUAL CURRENT	$\leq 0.1$ mA
RATED INSULATION VOLTAGE	$\leq 0.5$ kV
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	$\leq 1.8$ V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
OUTPUT FUNCTION	NORMALLY OPEN, 3-WIRE, PNP
MAX. SWITCHING FREQUENCY	$\leq 1.0$ kHz
HOUSING MATERIAL	METAL, GD-ZN, BLACK
ACTIVE FACE	PLASTIC, PA12-GF30
CONNECTOR	PICOFAST, M8X1
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
OPERATING VOLTAGE DISPLAY	LED: GREEN
SWITCHING STATUS INDICATION	LED: YELLOW

**NOTE**  
PRELIMINARY  
SPECIFICATIONS

SOURCE DRAWING - FOR REFERENCE ONLY

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MATERIAL  DIE CAST ZINC	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY   CONTACT TURCK FOR MORE INFORMATION	DRFT  RDS	DATE 05/01/13	DESCRIPTION  BI 5-Q08-AP6X2-V2131			
APVD  A.F.		SCALE 1=.7					
FINISH		UNIT OF MEASUREMENT  NCH [ MILLIMETER ]		IDENTIFICATION NO.  S1600502		REV  P1	
		DO NOT SCALE THIS DRAWING		FILE: S1600502		SHEET 1 OF 1	