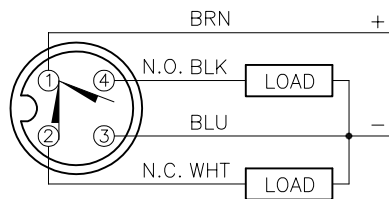


WIRING DIAGRAM

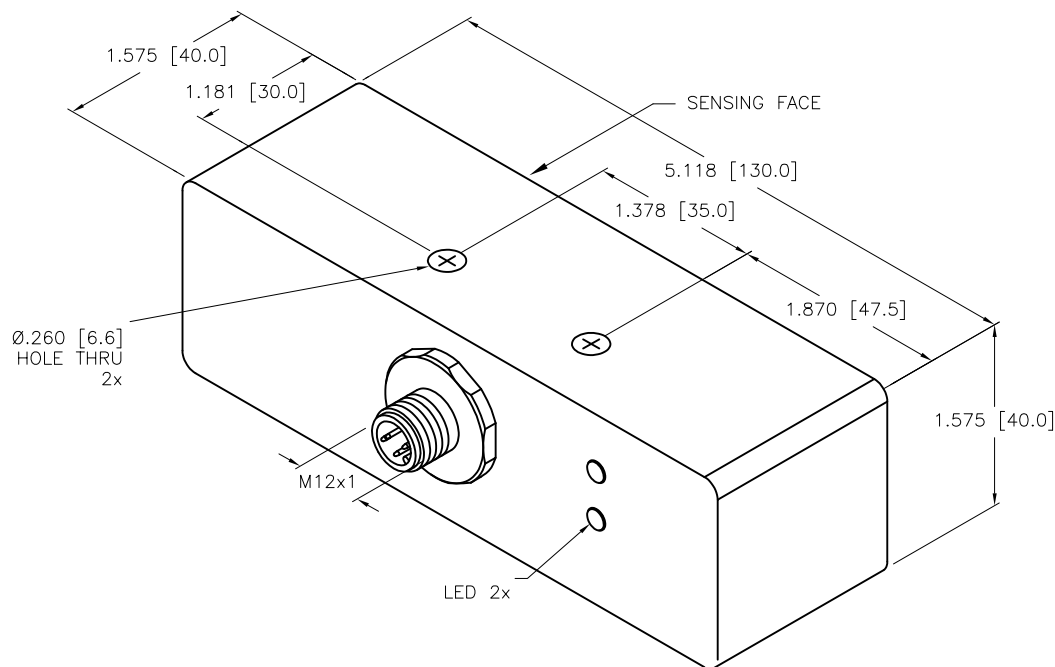


OUTPUT: VP4X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED

SPECIFICATIONS

RATED OPERATING DISTANCE	20mm = .787"
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤ ± 10% ≤ ±15%, ≤ -25°C v ≥ +70°C
HYSTERESIS	3-15%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-30°C to +85°C (-22°F to +185°F)
RATED OPERATIONAL VOLTAGE	10-65 VDC
MAX. RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 1.8 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
OUTPUT FUNCTION	4-WIRE, CHANGE-OVER, PNP
MAX. SWITCHING FREQUENCY	≤ 0.25 kHz
HOUSING MATERIAL	TOOL STEEL, ROCKWELL 50-55
ACTIVE FACE	STONEFACE, GLASS FILLED, K:90-100
CONNECTION	M12x1
VIBRATION RESISTANCE	<55 Hz, <1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK RESISTANCE	<30 g, <11 ms
DEGREE OF PROTECTION	IP68
OPERATING VOLTAGE DISPLAY	LED: GREEN
SWITCHING STATUS INDICATION	LED: YELLOW



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1. 2. 3. 4.							
MATERIAL		DRFT RDS		DATE 01/05/12		DESCRIPTION BI20-CA40130-VP4X2-H1141	
		APVD J.M.		SCALE 1=1.3			
FINISH		UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. 4283599		REV C	
		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DO NOT SCALE THIS DRAWING		FILE: 4283599	
		CONTACT TURCK FOR MORE INFORMATION				SHEET 1 OF 1	