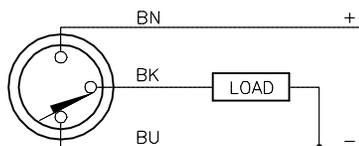


WIRING DIAGRAM

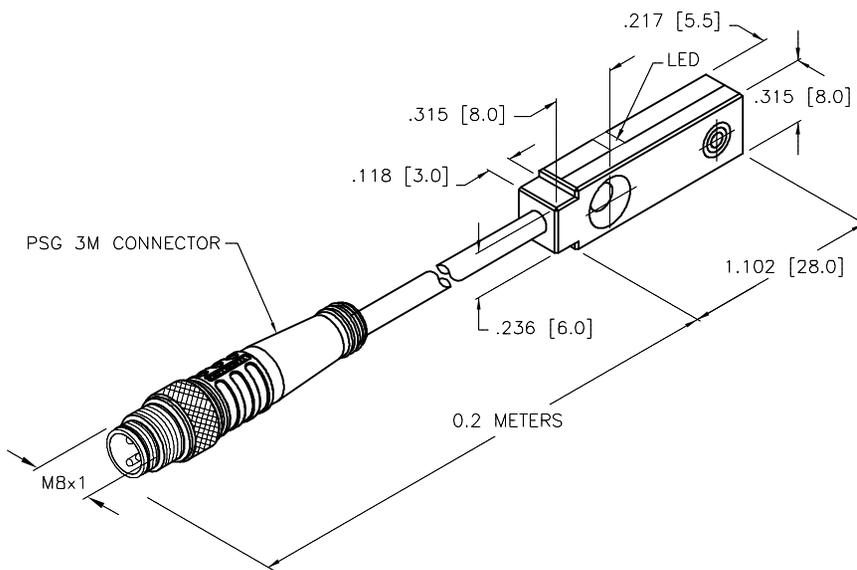


OUTPUT: RP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

SPECIFICATIONS

RATED OPERATING DISTANCE	3.5mm =.138"
MOUNTING MODE	NON-FLUSH
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ±10%
HYSTERESIS (SWITCHING DISTANCE)	3-15%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
MAX. RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT	≤ 150 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 CLOSED, 3-WIRE, PNP
MAX. SWITCHING FREQUENCY	≤ 2 kHz
HOUSING MATERIAL/COLOR	PLASTIC, PP/YELLOW
ACTIVE FACE	PLASTIC, PA12-GF20
CABLE	∅3.0, LiYY-11Y, TPU
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED: YELLOW



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FINISH SEE SPECIFICATIONS	CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. S4613685	REV D
DO NOT SCALE THIS DRAWING		FILE: S4613685		SHEET 1 OF 1	

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