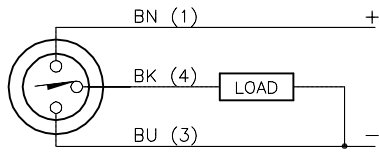


WIRING DIAGRAM

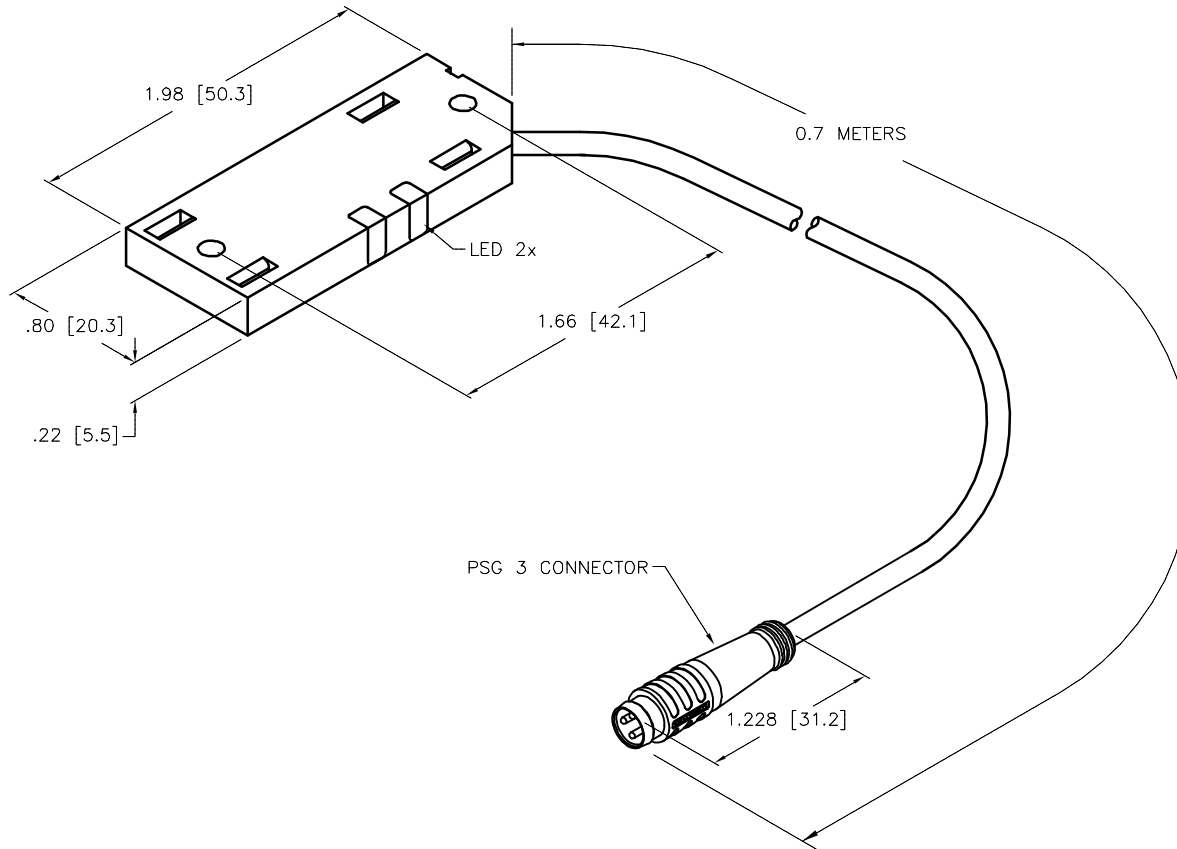


OUTPUT: AP6X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED

SPECIFICATIONS

RATED OPERATING DISTANCE	5 mm = .197" (NOMINAL)
HYSTERESIS	2-20%
TEMPERATURE DRIFT	≤ ±20%
REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
OPERATING VOLTAGE	10-30 VDC
RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
SWITCHING FREQUENCY	≤ 0.1 kHz
RATED INSULATION VOLTAGE	≤ 0.1 kHz
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
SHORT-CIRCUIT PROTECTED	YES
VOLTAGE DROP	≤ 1.8 V
REVERSE POLARITY PROTECTION	YES
WIRE BREAK PROTECTION	YES
HOUSING MATERIAL	PLASTIC, PP
MATERIAL ACTIVE AREA	PLASTIC, PP
CABLE	∅3.0, TPU
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
PROTECTION	IP67
OPERATING VOLTAGE DISPLAY	LED; GREEN
SWITCHING STATUS INDICATION	LED; YELLOW



SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "/S250" DESIGNATES CAPACITIVE SENSOR WITH FIXED CALIBRATION.

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		MATERIAL POLYPROPYLENE PLASTIC	DRFT RDS APVD K.H.	DATE 06/20/12 SCALE 1=1.1	DESCRIPTION BC5-QF5.5-AP6X2-0.7-PSG3/S250
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D	UPDATE DESCRIPTION	RDS	07/09/19	500000000209
REV	DESCRIPTION	BY	DATE	ECO NO.