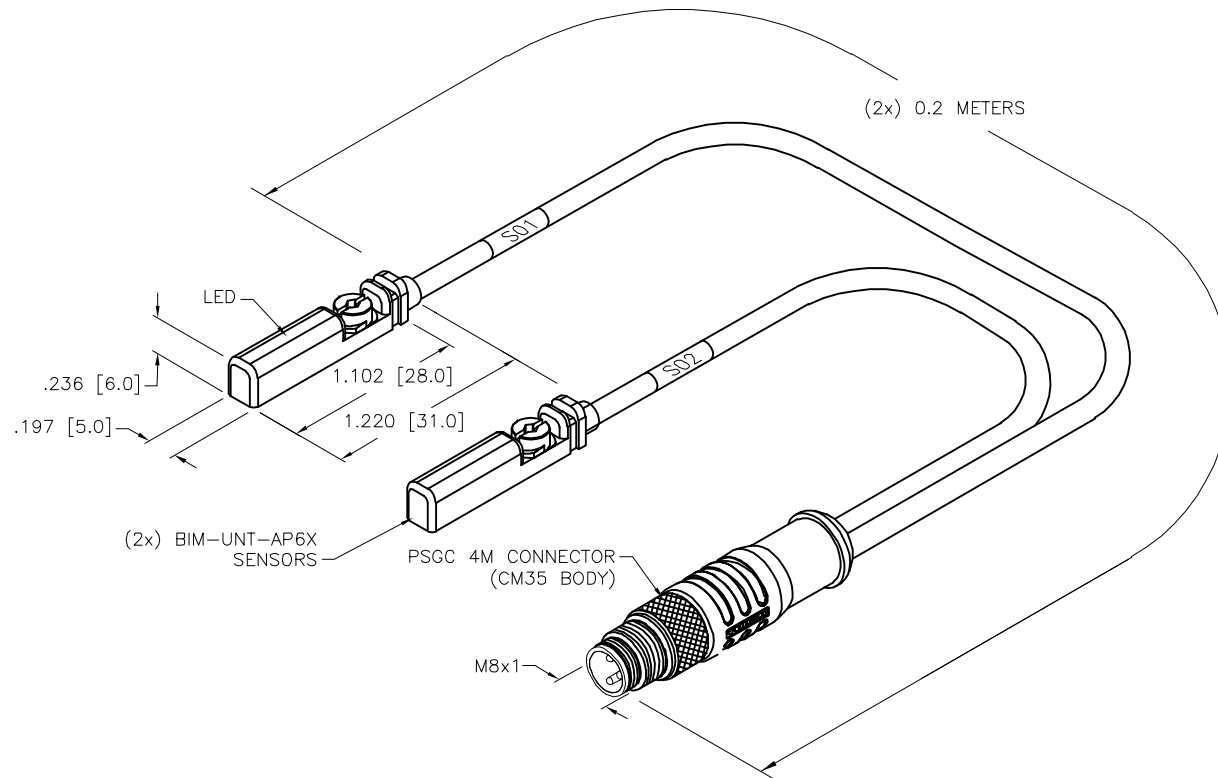
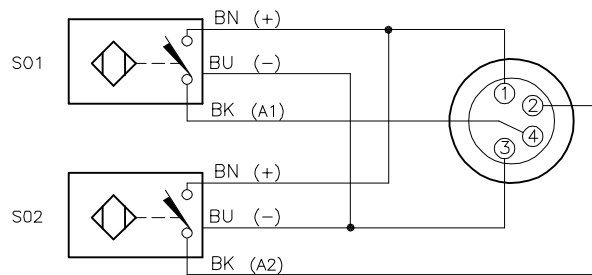


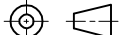
WIRING DIAGRAM



SPECIFICATIONS PER SENSOR

PASS SPEED	≤ 10 m/s
HYSTERESIS	≤ 1mm
TEMPERATURE DRIFT	≤ 0.1mm
MIN. ABSOLUTE REPEAT ACCURACY	≥ ±0.1mm
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
MAX. RIPPLE	≤10%
DC RATED OPERATIONAL CURRENT	≤ 150 mA PER SENSOR
NO-LOAD CURRENT	≤ 30 mA
RESIDUAL CURRENT	≤ 0.1 mA PER SENSOR
MAX. SWITCHING FREQUENCY	≤ 1.0 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
OUTPUT FUNCTION	NORMALLY OPEN, 3-WIRE, PNP
SHORT-CIRCUIT PROTECTION	YES, CYCLIC
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
HOUSING MATERIAL	PLASTIC, PP
ACTIVE FACE MATERIAL	PLASTIC, PP
CABLE	ø3.0, LiYY-11Y, TPU
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK	30 g, 11 ms
DEGREE OF PROTECTION	IP68
SWITCHING STATUS INDICATION	LED, YELLOW
INCLUDED IN SCOPE OF SUPPLY	CABLE CLIP

SOURCE DRAWING - FOR REFERENCE ONLY

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1.								
2.		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	DRFT	RDS	DATE	07/23/12	DESCRIPTION BIM-UNT-2AP6X-0.2-PSG4M	
3.			APVD	J.M.	SCALE	1=1.0		
4.			UNIT OF MEASUREMENT				IDENTIFICATION NO. 46857215	REV J
			INCH [MILLIMETER]					
			DO NOT SCALE THIS DRAWING				FILE: 46857215	SHEET 1 OF 1
MATERIAL								
SEE SPECIFICATIONS								
FINISH								
4	SEE SPECIFICATIONS							

J	UPDATE MOLD BODY	NF	08/10/22	500000006074
REV	DESCRIPTION	BY	DATE	ECO NO.