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	SPECIFICATIONS			
	OPERATING VOLTAGE	5-15 VDC		
	DIFFERENTIAL TRAVEL (HYSTERESIS)	1-10% (5% TYPICAL)		
	NOMINAL VOLTAGE FOR INTRINSICALLY—SAFE SENSORS	8.2 VDC		
	OUTPUT FUNCTION	RESISTANCE CHANGE, REQUIRES REMOTE AMPLIFIER		
	RESISTANCE CHANGE FROM NONACTIVATED TO ACTIVATED CONDITION	1.0 k Ω to >8.0 k Ω		
	RESULTING CURRENT CHANGE	≥2.2 mA to ≤1.0 mA		
	RECOMMENDED SWITCHING POINT FOR REMOTE AMPLIFIER	1.55 mA		
	POWER-ON EFFECT PROTECTION	REALIZED IN AMPLIFIER		
	REVERSE POLARITY PROTECTION	INCORPORATED		
	WIRE-BREAK PROTECTION	REALIZED IN AMPLIFIER		
	TIME DELAY BEFORE AVAILABILITY	≤8 ms		
	PROTECTION AGAINST TRANSIENTS	REALIZED IN AMPLIFIER		
	OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)		
I	ENCLOSURE	MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP67		
	SHOCK	30 g, 11 ms		
	VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)		
	LED FUNCTION	NONE		
	SENSING RANGE	20 mm = .787" (NOMINAL)		
	SWITCHING FREQUENCY	200 Hz		
	REPEATABILITY	≤2% of RATED OPERATING DISTANCE		
	EMBEDDABLE (SHIELDED)	YES		
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SOURCE DRAWING - FOR REFERENCE ONLY

	RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION	WITHOUT WRITTEN PERMISSION IS PROHIBITED. High Technok	RCK Inc 1-800 1-800 (763) (763) tu	AMPUS DRIVE DLIS, MN 55441 544-7769 553-7300 553-0708 fax rck.com
NOTES:	MATERIAL BRASS BARREL	ALL DIMENSIONS DISPLAYED ON THIS	DRFT SMW DATE 3/19/8 DSGN SCALE NONE	DESCRIPTION Bi20-G47-Y1	
1. EUROPEAN TYPE PIPE THREAD. APPROXIMATELY 1.850"/47 mm IN DIAMETER.	FINISH COPPER/NICKEL/	DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK	UNIT OF MEASUREMENT INCH [MILLIMETER]	IDENTIFICATION NO. M1006800	REV
C UPDATE TO CURRENT TITLEBLOCK RDS 07/16/02 5504 REV DESCRIPTION BY DATE ECO NO.	CHROME PLATING	FOR MORE INFORMATION	DO NOT SCALE THIS DRAWING		SHEET 1 OF 1