



SPECIFICATIONS	
OPERATING VOLTAGE	10–65 VDC
RIPPLE	≤10%
DIFFERENTIAL TRAVEL (HYSTERESIS)	3–15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 1.8 V at 200 mA
OUTPUT FUNCTION	COMPLEMENTARY OUTPUT ONE N.O., ONE N.C. (SPDT)
TTL COMPATIBLE	NO
SHORT-CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥ 220 mA
CONTINUOUS LOAD CURRENT	≤ 200 mA
OFF-STATE (LEAKAGE) CURRENT	<10 μ A
NO-LOAD CURRENT	4.0–9.5 mA
TIME DELAY BEFORE AVAILABILITY	≤ 8 ms
POWER-ON EFFECT PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	PER EN 60947-5-2
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
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	YELLOW: OUTPUT ENERGIZED
RATED OPERATING DISTANCE(Sn)	15 mm = .591" (NOMINAL)
SWITCHING FREQUENCY	500 Hz
REPEATABILITY	≤2% of RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	NO
MATING PLUGS/CABLES	4-PIN "EUROFAST" CONSTRUCTION

NOTE
PRELIMINARY
SPECIFICATIONS

SOURCE DRAWING - FOR REFERENCE ONLY

NOTE: ALL TOLERANCES ± 1.0 mm.

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					MATERIAL BRASS BARREL		TOLERANCES UNLESS OTHERWISE SPECIFIED				DRFT CBM		DATE 06/19/00	
							.X ± 0.02 .XX ± 0.01 .XXX ± 0.005 ANGLES $\pm 1^\circ$ ALL MILLIMETER DIMENSIONS ARE REFERENCE ONLY		DSGN		SCALE NONE			
					FINISH COPPER/NICKEL/ CHROME PLATING		UNIT OF MEASUREMENT INCH [MILLIMETER]		DO NOT SCALE THIS DRAWING		IDENTIFICATION NO.		REV	
T1571590		P1												
P1		CBM	06/19/00											
REV	DESCRIPTION	BY	DATE	ECO NO.	FILE: T1571590 SHEET 1 OF 1									