

SPECI	SPECIFICATIONS							
RATED OPERATING DISTANCE	15.0 mm [.591"]							
MOUNTING MODE	FLUSH							
TEMPERATURE DRIFT	$\leq \pm 10\%$ $\leq \pm 15\%, \leq -25^{\circ}C \text{ V } \geq +70^{\circ}C$							
HYSTERESIS	3-15%							
MIN. REPEAT ACCURACY	≤ 2%							
AMBIENT TEMPERATURE	-40°C to +85°C (-40°F to +185°F)							
OPERATING VOLTAGE	8.4-65 VDC							
RESIDUAL RIPPLE	≤ 10%							
DC OPERATIONAL CURRENT	≤ 200 mA							
NO-LOAD CURRENT	≤ 15 mA							
RESIDUAL CURRENT	≤ 0.1 mA							
RATED INSULATION VOLTAGE	≤0.5 kV							
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP							
SHORT-CIRCUIT PROTECTION	YES							
MAX. VOLTAGE DROP	≤ 1.8 V							
WIRE BREAKAGE PROTECTION	INCORPORATED							
REVERSE POLARITY PROTECTION	INCORPORATED							
LOAD DUMP PROTECTION	IV/LEVEL 4, din 40839 (SAE J 1113-11)							
SWITCHING FREQUENCY	≤0.5 kHz							
HOUSING MATERIAL	AISI 316L							
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30							
END CAP MATERIAL	PLASTIC, EPTR							
CONNECTION	CABLE							
CABLE	ø5.7, 3x18 AWG, PVC							
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)							
SHOCK RESISTANCE	150 g, 6 ms, (IN ALL 3 PLANES)							
DEGREE OF PROTECTION	IP68/IP69K (SENSOR ONLY)							
SWITCHING STATUS INDICATION	LED/YELLOW							
NOISE IMMUNITY	100 V/m RADIATED & 100 mA BCI							

SOURCE DRAWING - FOR REFERENCE ONLY

1. "/S1614" DESIGNATES SENSOR WIRED TO A PACKARD CONNECTOR CABLE - 18AWG, 3 CONDUCTOR, GREY, PVC. CONNECTOR - PACKARD ELECTRIC CONNECTOR P/N 12015793 - TERMINAL P/N 12089188		RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION	THIS DRAI CONFIDENTIAL PROPERTY C INC. USE DOCUMENT WRITTEN PER PROHIB	L AND THE OF TURCK OF THIS WITHOUT MISSION IS	High Technology	RCK Inc	(763) 553 ₋ 7300		
		SEE SPECIFICATIONS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR	APVD		DATE 12/06/10 SCALE 1=2.0 EASUREMENT			_D/S1614	
B	- SEAL P/N 12015899 B LADD LASER MARK NOTE	NF 07/30/15 50830	FINISH SEE SPECIFICATIONS	REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION			LIMETER]	IDENTIFICATION NO. T15840)66	REV B
_	V DESCRIPTION	BY DATE FCO NO	SEE SEECHICATIONS	INFORMATION	DO N	IOT SCALE	THIS DRAWING	FILE: T1584066	SHE	FT 1 OF 1