



C UPDATE SWITHCING FREQUENCY FROM 2000HZ TO 3000HZ

REV DESCRIPTION

SPECIFICATIONS					
OPERATING VOLTAGE	10-30 VDC				
RIPPLE	≤10%				
DIFFERENTIAL TRAVEL (HYSTERESIS)	1-15% (5% TYPICAL) ≤1.8 V at 150 mA				
VOLTAGE DROP ACROSS CONDUCTING SENSOR					
OUTPUT FUNCTION	NORMALLY OPEN 3-WIRE DC SELF-CONTAINED				
TTL COMPATIBLE	NO				
SHORT-CIRCUIT PROTECTED	YES				
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥170 mA				
CONTINUOUS LOAD CURRENT	≤150 mA				
OFF-STATE (LEAKAGE) CURRENT	<10μ Α				
NO-LOAD CURRENT	5.5-9.5 mA				
TIME DELAY BEFORE AVAILABILITY	≤8 ms				
POWER-ON EFFECT PROTECTION	INCORPORATED				
REVERSE POLARITY PROTECTION	INCORPORATED				
WIRE-BREAK PROTECTION	INCORPORATED				
PROTECTION AGAINST TRANSIENTS	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)	3 mm = .118" (NOMINAL)				
SWITCHING FREQUENCY	3000 Hz				
REPEATABILITY	≤2% of RATED OPERATING DISTANCE				
EMBEDDABLE (SHIELDED)	NO				

				RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN WITHOUT WRITTEN PERMISSION IS PROHIBITED. THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN WITHOUT WRITTEN PERMISSION IS PROHIBITED.		MINNEA 1-8 1760 Controls (76	3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com				
			MATERIAL STAINLESS STEEL FINISH	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK	DSGN IK	DATE 5/13/97 SCALE NONE	DESCRIPTION	li3-EG08K-AN	6X			
					UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. S4669700			REV		
	RWC	12/05/07			FOR MORE INFORMATION	_	_					
	BY	DATE	ECO NO.			DO NOT SCALE THIS DRAWING		FILE: S4669700		SHEET	1 OF 1	i