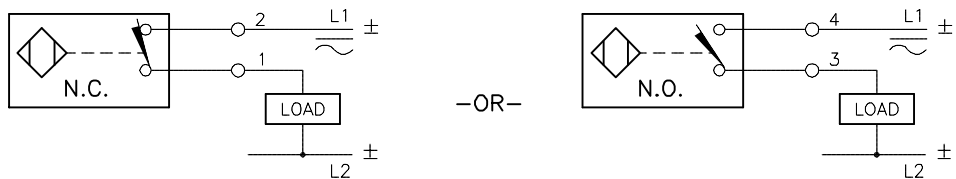
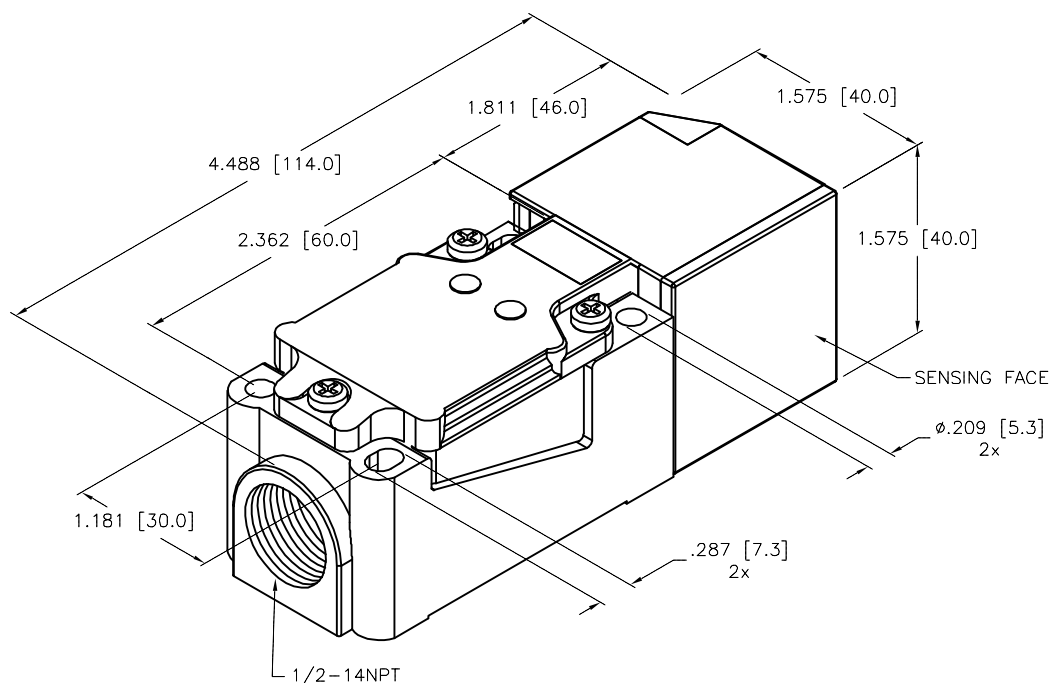


WIRING DIAGRAMS



SHORT-CIRCUIT AND OVERLOAD PROTECTED



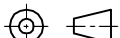
SPECIFICATIONS

RATED OPERATING DISTANCE	15mm = .591"
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤ ± 10%
HYSTERESIS	3-15%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-40°C to +70°C (-40°F to +158°F)
OUTPUT FUNCTION	2-WIRE, PROGRAMMABLE
OPERATIONAL VOLTAGE	20-250 V
RATED OPERATIONAL CURRENT	≤ 400 mA
FREQUENCY	≥ 50 Hz ≤ 60 Hz
RESIDUAL CURRENT	≤ 1.7 mA
RATED INSULATION VOLTAGE	≤ 1.5 kV
SURGE CURRENT	≤ 3.0 A (≤ 20 ms MAX. 5 Hz)
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 6.0 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
SMALLEST OPERATING CURRENT	≤ 3.0 mA
MAX. SWITCHING FREQUENCY	≤ 0.02 kHz
HOUSING MATERIAL	PLASTIC, PBT-GF30-V0, BLACK
CONNECTION	TERMINAL CHAMBER
VIBRATION RESISTANCE	<55 Hz, <1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK RESISTANCE	<30 g, <11 ms
DEGREE OF PROTECTION	IP68
OPERATING VOLTAGE INDICATION	LED: GREEN
SWITCHING STATUS INDICATION	LED: YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "/S10" DESIGNATES 1/2-14 NPT TERMINAL CHAMBER THREAD.
2. "/S97" DESIGNATES LOW RATED OPERATING TEMPERATURE: -40°C
3. "/R" INDICATES THAT SENSING FACE IS ROTATED RIGHT.

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		TURCK		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us			
									
MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	DRFT	RDS	DATE	10/03/11	DESCRIPTION BI15-CP40-FDZ30X2/S10-S97/R			
APVD		SCALE		1=1.3					
FINISH		UNIT OF MEASUREMENT INCH [MILLIMETER]	DO NOT SCALE THIS DRAWING				IDENTIFICATION NO.		REV
							42266932		D
		FILE: 42266932				SHEET 1 OF 1			

D	UPDATE DESCRIPTION	RDS	10/16/19	500000000579
REV	DESCRIPTION	BY	DATE	ECO NO.