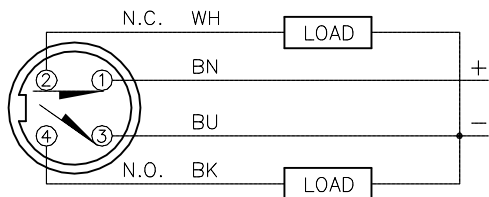
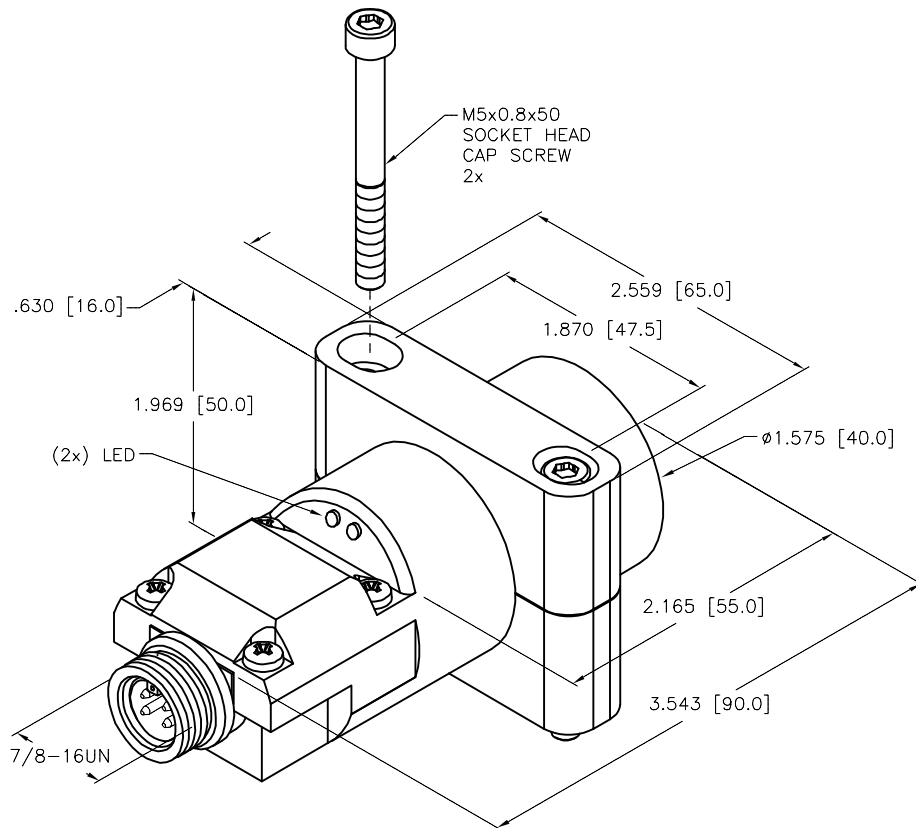


WIRING DIAGRAM



OUTPUT: FZ3X2

WARNING: NO SHORT-CIRCUIT PROTECTION.
ALWAYS WIRE A LOAD IN SERIES WITH THE SENSOR.



SPECIFICATIONS

RATED OPERATING DISTANCE	15.0 mm = .591" (NOMINAL)
MOUNTING MODE	NON-FLUSH
TEMPERATURE DRIFT	≤ ± 10%
HYSTERESIS	3-15%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE (AC/DC)	20-250 VAC/10-300 VDC
RATED OPERATIONAL CURRENT (AC/DC)	≤ 400 mA/≤ 300 mA
LINE FREQUENCY	50-60 Hz
RESIDUAL CURRENT	≤ 1.7 mA
RATED INSULATION VOLTAGE	≤ 1.5 kV
SURGE CURRENT	≤ 8 A (≤ 10 ms MAX. 5 Hz)
MAX. VOLTAGE DROP	≤ 6 V
OUTPUT FUNCTION	2-WIRE, CONNECTION PROGRAMMABLE
MIN. OPERATIONAL CURRENT	≥ 3 mA
MAX. SWITCHING FREQUENCY	≤ 0.02 kHz
HOUSING MATERIAL	PLASTIC, ABS
ACTIVE FACE	PLASTIC, ABS
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP67
SUPPLY VOLTAGE INDICATION	LED: GREEN
SWITCHING STATUS INDICATION	LED: RED

NOTES:

1. "/CS10227" DESIGNATES SPECIAL WIRING, AND FULLY POTTED CHAMBER.
2. BS-40 MOUNTING CLAMP INCLUDED WITH SENSOR.

SOURCE DRAWING - FOR REFERENCE ONLY

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.		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
		DRFT RDS	DATE 11/21/19	DESCRIPTION B115-K40SR-FZ3X2-B1141/CS10227	
		APVD A.F.	SCALE 1=1.3		
		UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. 1342391	REV A
MATERIAL SEE SPECIFICATIONS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	CONTACT TURCK FOR MORE INFORMATION		DO NOT SCALE THIS DRAWING	
FINISH SEE SPECIFICATIONS				FILE: 1342391	SHEET 1 OF 1

A	DRAWING RELEASE	RDS	11/21/19	
REV	DESCRIPTION	BY	DATE	ECO NO.