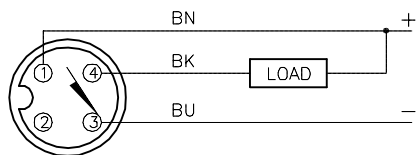
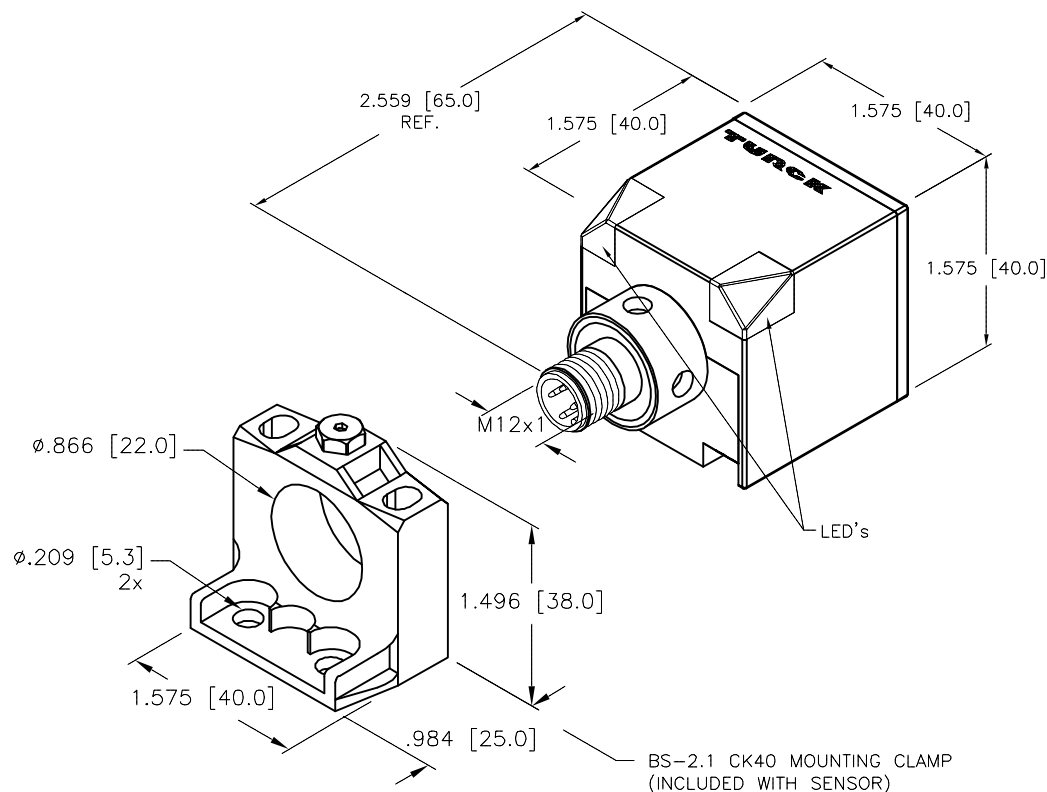


WIRING DIAGRAM



OUTPUT: AN6X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

RATED OPERATING DISTANCE	15mm = .591"
HYSTERESIS	3-15%
REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
TEMPERATURE DRIFT	≤ ±10% ≤ ±15%, ≤ 25°C v ≥ +70°C
OPERATING TEMPERATURE	-30°C TO +85°C (-22°F TO +185°F)
OPERATING VOLTAGE	10-30 VDC
RIPPLE	≤ 10%
CONTINUOUS LOAD CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
MAX. SWITCHING FREQUENCY	≤ 0.25 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kHz
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, NPN
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 1.8 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
HOUSING MATERIAL	PLASTIC, PBT-GF20-V0
CONNECTOR	M12x1
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK	30 g, 11 ms
PROTECTION	IP68
SUPPLY VOLTAGE INDICATION	LED - 2x GREEN
SWITCHING STATUS INDICATION	LED - YELLOW

NOTES:

1. SENSING HEAD CAN ROTATE TO 5 DIFFERENT SENSING POSITIONS.
2. UPROX HAS WELD FIELD IMMUNITY, SENSOR IS SUITABLE FOR USE ON RESISTANCE MACHINES.

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	
	MATERIAL SEE SPECS	DRFT JBJ APVD	DATE 11/01/02 SCALE NONE	DESCRIPTION BI15U-CK40-AN6X2-H1141 W/BS 2.1	
FINISH	CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. 1625690	REV B
DO NOT SCALE THIS DRAWING		FILE: 1625690		SHEET 1 OF 1	

B	UPDATE SWITCHING FREQUENCY SPEC, SEE ECO	RWC	02/26/09	25209
REV	DESCRIPTION	BY	DATE	ECO NO.