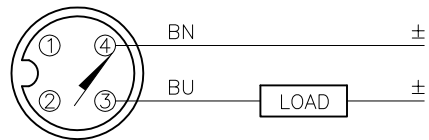


WIRING DIAGRAM

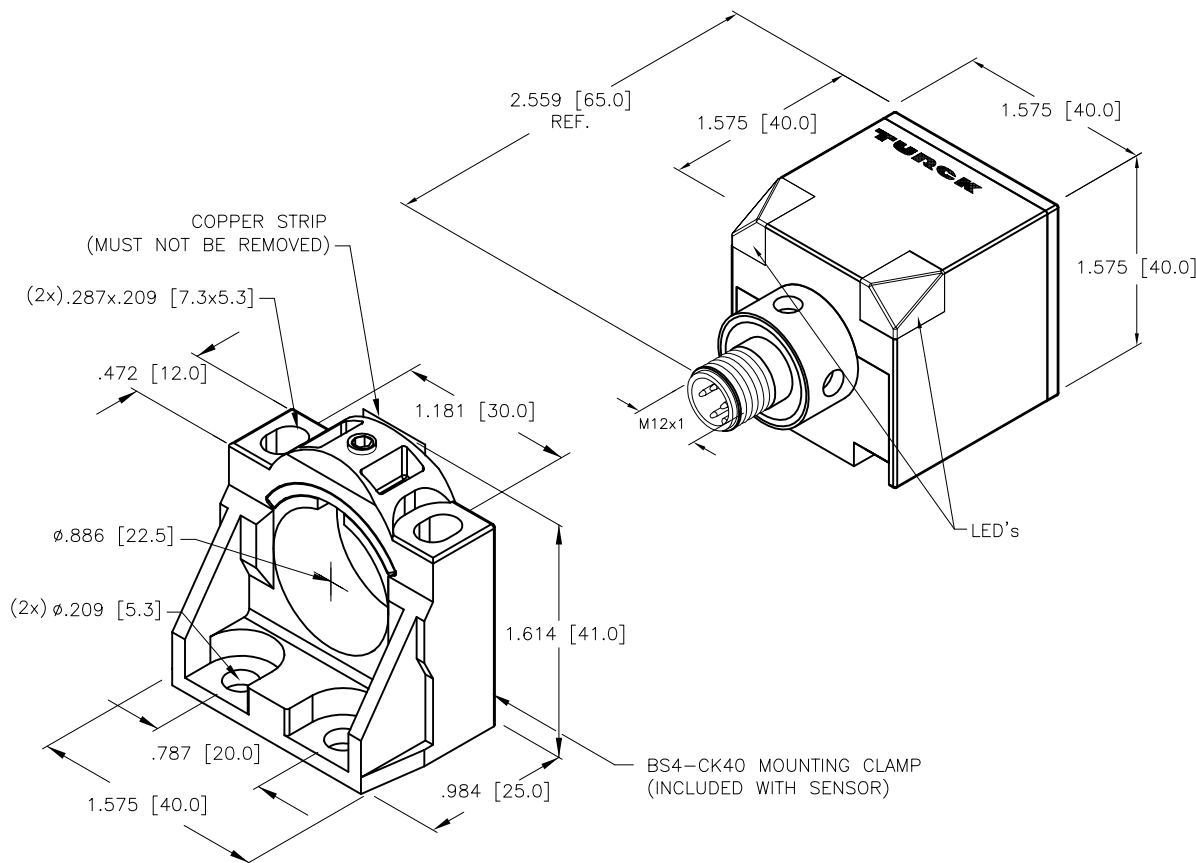
OUTPUT: AD4X

SHORT-CIRCUIT AND OVERLOAD PROTECTED



OUTPUT: AD4X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

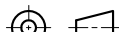


RATED OPERATING DISTANCE	15 mm = .591"
MOUNTING CONDITION	FLUSH
HYSTERESIS	1–15%
REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
TEMPERATURE DRIFT	≤ ±10%
OPERATING TEMPERATURE	–25°C to +70°C (–13°F to +158°F)
OPERATING VOLTAGE	10–65 VDC
OPERATIONAL CURRENT	≤ 100 mA
RESIDUAL RIPPLE	≤ 10%
RESIDUAL CURRENT	≤ 0.6 mA
RATED INSULATION VOLTAGE	≤ 0.5 kHz
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 1.8 V
SMALLEST OPERATING CURRENT	≤ 3.0 mA
MAX. SWITCHING FREQUENCY	≤ 0.15 kHz
HOUSING MATERIAL	PLASTIC, PBT/BLACK
CONNECTION	MALE, M12x1
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK	30 g, 11 ms
PROTECTION	IP67
SWITCHING STATUS INDICATION	LED – YELLOW

NOTES:

1. SENSING HEAD CAN ROTATE TO 5 DIFFERENT SENSING POSITIONS.

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS		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					
1.											
2.		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION		DRFT	RDS	DATE	03/19/14			DESCRIPTION BI15-CK40-AD4X-H1141 W/BS 2.1	
3.				APVD	A.F.	SCALE	1=1.3				
4.				UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING					IDENTIFICATION NO. 4465090		REV B