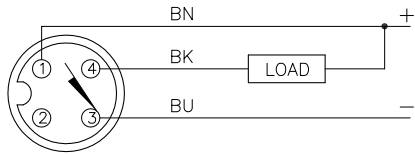
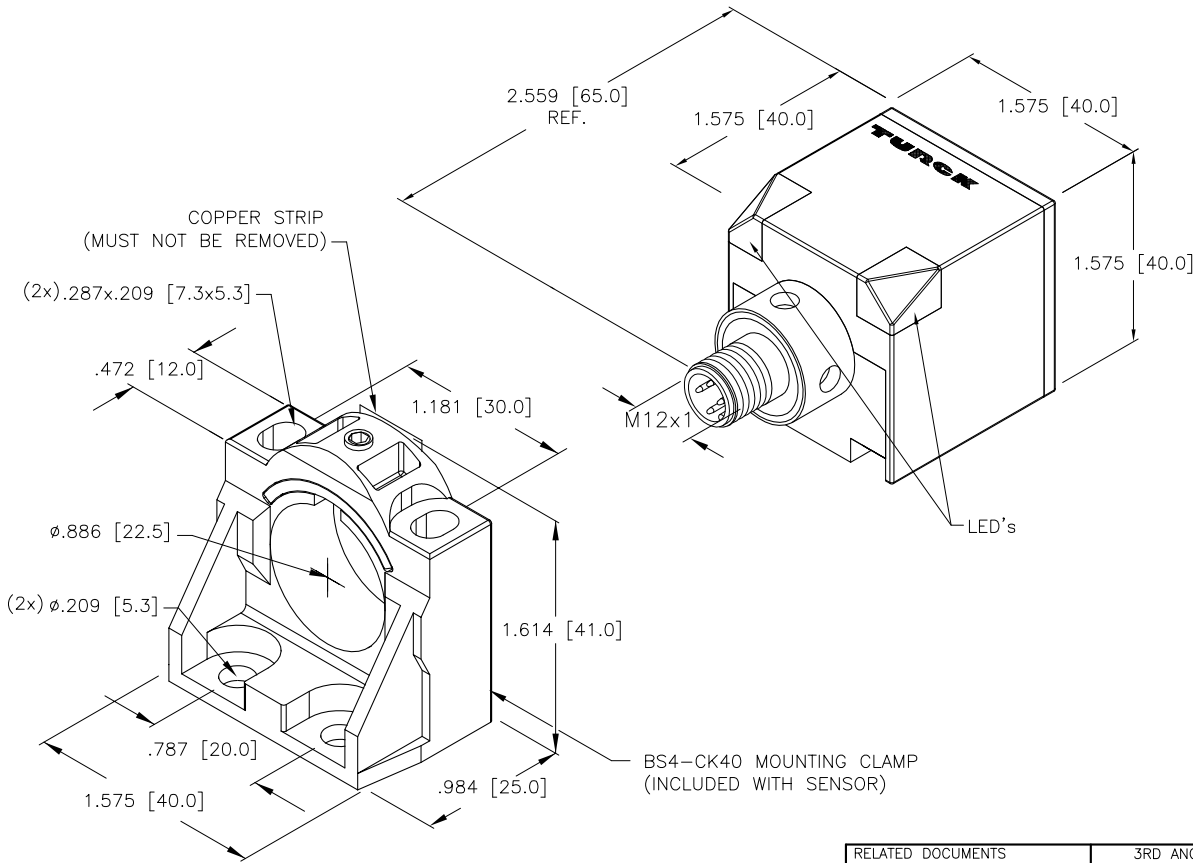


WIRING DIAGRAM



OUTPUT: AN6X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

RATED OPERATING DISTANCE	35 mm = 1.378"
MOUNTING MODE	NON-FLUSH, PARTIAL EMBEDDING POSSIBLE
REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ±10% ≤ ±15%, ≤ -25°C v ≥ +70°C
HYSTERESIS	3-15%
OPERATING TEMPERATURE	-30°C to +85°C (-22°F to +185°F)
OPERATING VOLTAGE	10-30 VDC
RIPPLE	≤ 10%
DC CONTINUOUS LOAD CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 1.8 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, NPN
MAX. SWITCHING FREQUENCY	≤ 0.25 kHz
HOUSING MATERIAL/COLOR	PLASTIC, PBT-GF30-V0/BLACK
MATERIAL ACTIVE FACE/COLOR	PLASTIC, PA6-GF30-X/YELLOW
CONNECTOR TYPE	M12x1
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK	30 g, 11 ms
PROTECTION	IP68
SUPPLY VOLTAGE INDICATION	LED - GREEN
SWITCHING STATUS INDICATION	LED - YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

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.

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	MATERIAL PBT-GF30-V0 PLASTIC HOUSING	DRFT RDS DSGN AF	DATE 02/06/07 SCALE NONE	DESCRIPTION NI35U-CK40-AN6X2-H1141 W/BS 4	
FINISH	CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. M1625810	REV A
A	DRAWING RELEASE	RDS	02/06/07	DO NOT SCALE THIS DRAWING	
REV	DESCRIPTION	BY	DATE	ECO NO.	FILE: M1625810 SHEET 1 OF 1