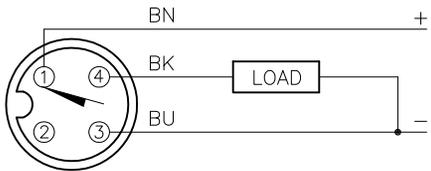


WIRING DIAGRAM

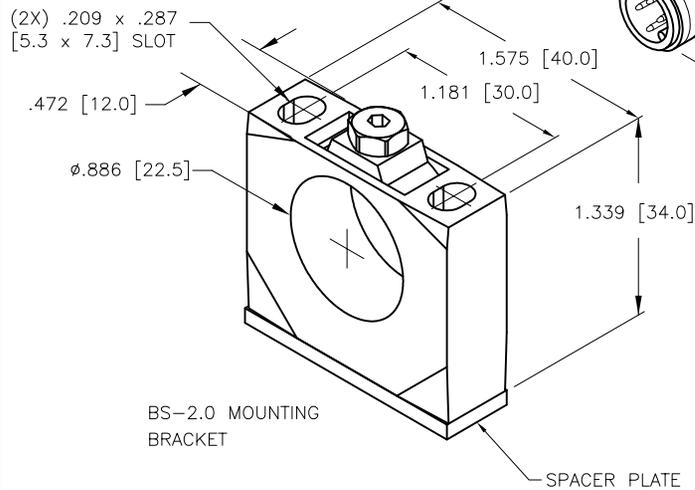
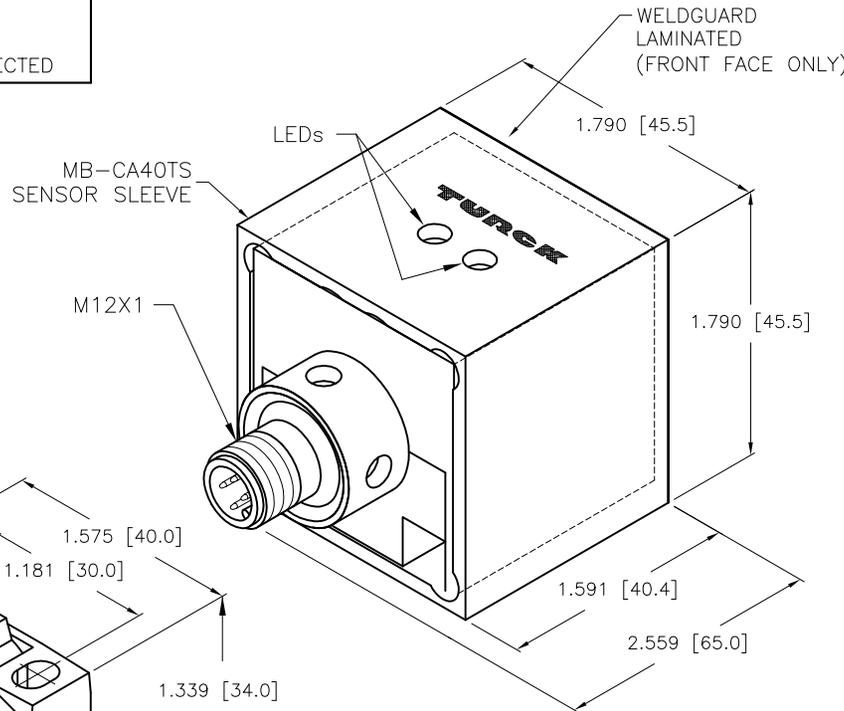


OUTPUT: AP6X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED

SPECIFICATIONS

OPERATING VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤10%
HYSTERESIS	3-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤1.8 V at 200 mA
OUTPUT FUNCTION	NORMALLY OPEN 3-WIRE DC SELF-CONTAINED
SHORT-CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥220 mA
CONTINUOUS LOAD CURRENT	≤200 mA
RESIDUAL CURRENT	<10 μA
NO-LOAD CURRENT	15 mA
TIME DELAY BEFORE AVAILABILITY	<8 ms
POWER-ON EFFECT PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	EN 60947-5-2
OPERATING TEMPERATURE	0°C TO +70°C (+32°F TO +158°F)
ENCLOSURE	MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP67
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
LED FUNCTION	GREEN: POWER ON GREEN FLASHING: SHORT-CIRCUIT INDICATION YELLOW: OUTPUT ENERGIZED
RATED OPERATING DISTANCE	20 mm = .787" (NOMINAL)
SWITCHING FREQUENCY	260 Hz
REPEATABILITY	≤2% of RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	YES



SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. UPROX HAS WELD FIELD IMMUNITY, SESOR IS SUITABLE FOR USE ON RESISTANCE MACHINES.

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	MATERIAL SEE NOTES	DRFT RDS APVD	DATE 05/03/02 SCALE NONE	DESCRIPTION BI20U-CA40-AP6X2-H1141/S1591W/BS2.0	
FINISH	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT <b>INCH [ MILLIMETER ]</b>		IDENTIFICATION NO. M1627296	REV E
E	DRAWING PROCESSED AS PART OF ECO 39670	KMY	08/20/12	39670	
REV	DESCRIPTION	BY	DATE	ECO NO.	

DO NOT SCALE THIS DRAWING

FILE: M1627296

SHEET 1 OF 1