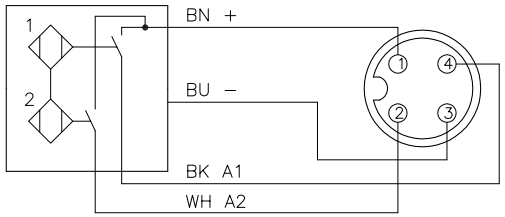
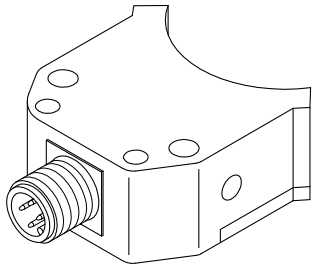
WIRING DIAGRAM

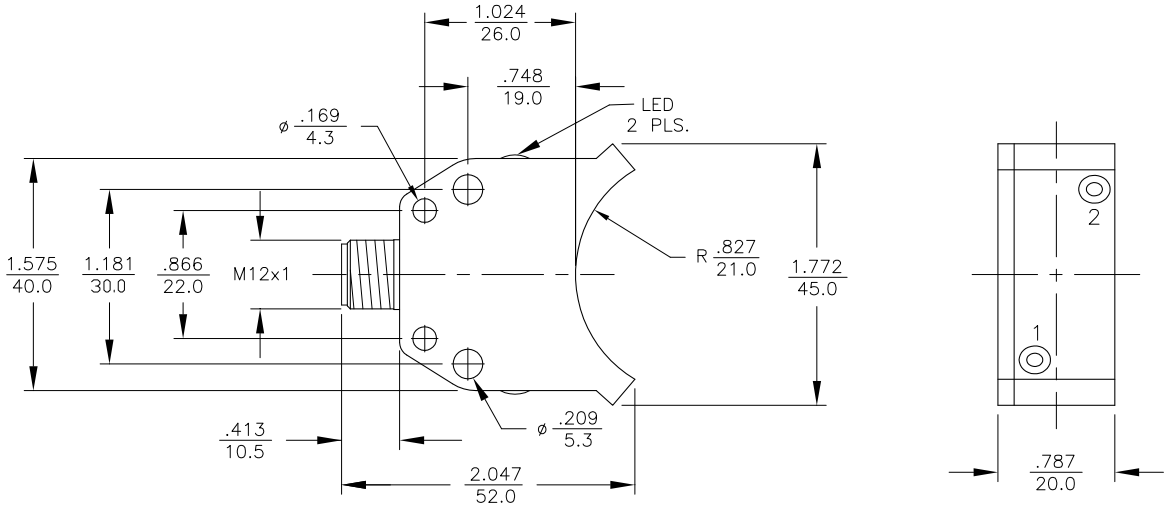


OUTPUT: 2AP6X2



SPECIFICATIONS

OPERATING VOLTAGE	10–30 VDC
RIPPLE	≤10%
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤1.8 V
DIFFERENTIAL TRAVEL (HYSTERESIS)	3–15%
CONTINUOUS LOAD CURRENT	≤200 mA
TIME DELAY BEFORE AVAILABILITY	≤8 ms
SHORT–CIRCUIT PROTECTED	YES
NO–LOAD CURRENT	2–15 mA
OPERATING TEMPERATURE	–25°C to +70°C (–13°F to +158°F)
TRANSIENT PROTECTION	2 kV, 1 ms, 1 kΩ
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE–BREAK PROTECTION	INCORPORATED
ENCLOSURE	IP67
LED FUNCTION	2 YELLOW: OUTPUT ENERGIZED
RATED OPERATING DISTANCE(Sn)	4 mm = .157" (NOMINAL)
SWITCHING FREQUENCY	1000 Hz
REPEATABILITY	≤2% of RATED OPERATING DISTANCE
RR PROTECTION	<10 V/m



REV	DESCRIPTION	BY	DATE	ECO NO.
B	UPDATE TO CURRENT TITLE BLOCK	RDS	08/27/02	5504

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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MATERIAL: PBT–GF30–V0 PLASTIC

FINISH

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT: SWC | DATE: 11/3/95

DSGN | SCALE: NONE

UNIT OF MEASUREMENT
INCH [MILLIMETER]
DO NOT SCALE THIS DRAWING

DESCRIPTION: Ni4–DS20–2AP6X2–H1141

IDENTIFICATION NO.: M1650020 | REV: B

FILE: M1650020 | SHEET 1 OF 1