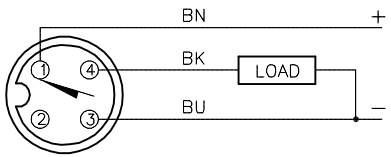
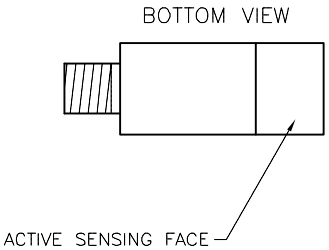
WIRING DIAGRAM



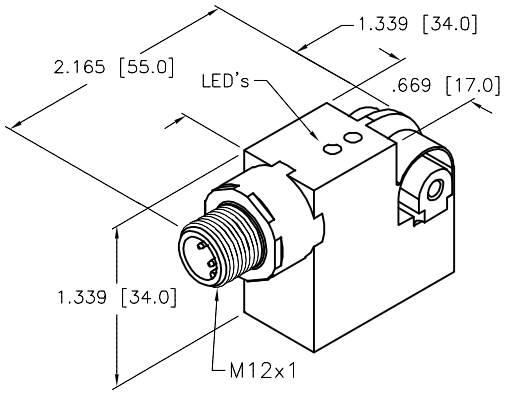
OUTPUT: AP6X2

SHORT−CIRCUIT AND OVERLOAD PROTECTED

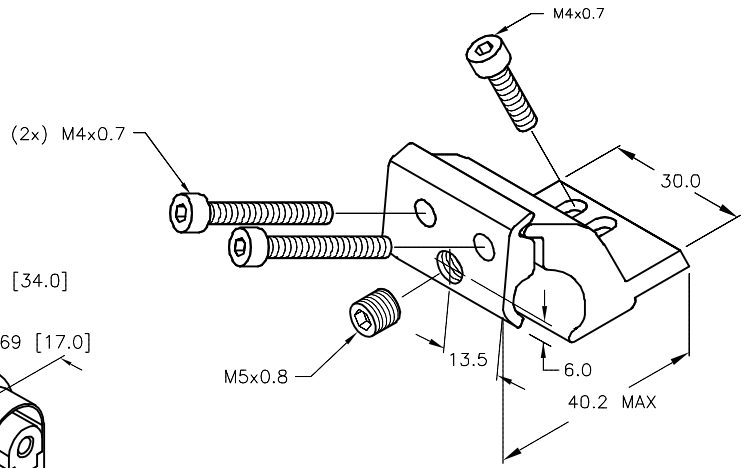


SPECIFICATIONS

PASS SPEED	≤ 1 m/s
REPEATABILITY	≥ ±0.1 mm
TEMPERATURE DRIFT	≤ 0.1 mm
HYSTERESIS	≤ 1 mm
AMBIENT TEMPERATURE	−25°C to +70°C (−13°F to +158°F)
OPERATING VOLTAGE	10−30 VDC
RESIDUAL RIPPLE	≤10%
DC RATED OPERATIONAL CURRENT	≤ 200 mA
NO−LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT−CIRCUIT PROTECTED	YES
VOLTAGE DROP	≤ 1.8 V
WIRE−BREAK PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	NORMALLY OPEN, 3−WIRE, PNP
SWITCHING FREQUENCY	≤ 1.0 kHz
HOUSING MATERIAL	METAL, GD−Zn
MATERIAL ACTIVE AREA	PLASTIC, PA12−GF30
CONNECTION	M12x1
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
PROTECTION DEGREE	IP67
SWITCHING STATUS INDICATION	LED: YELLOW
OPERATING VOLTAGE INDICATION	LED: GREEN



SENSOR



KLI5 (W/M5 HOLE)

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "/S34" DESIGNATES WELD FIELD IMMUNITY. SENSOR IS SUITABLE FOR USE ON RESISTANCE WELDING MACHINES.

2. MOUNTING CLAMP KLI5 (W/M5 HOLE) INCLUDED WITH SENSOR.

REV	DESCRIPTION	BY	DATE	ECO NO.
C	UPDATE NOTES & DESCRIPTION	NF	06/15/18	65761

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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MATERIAL: DIE CAST ZINC

FINISH

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT: RDS | DATE: 09/02/16
APVD: A.F. | SCALE: 1=1.3

UNIT OF MEASUREMENT
INCH [MILLIMETER]

DO NOT SCALE THIS DRAWING

DESCRIPTION: BIM−IKM−AP6X2−H1141/S34 W/KLI5

IDENTIFICATION NO.: 4627293 | REV: C

FILE: 4627293 | SHEET 1 OF 1

Approved 06/15/2018, work order #167037 by A.F.