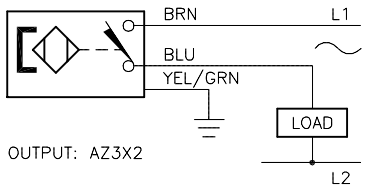
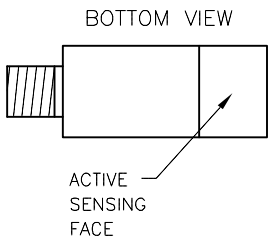
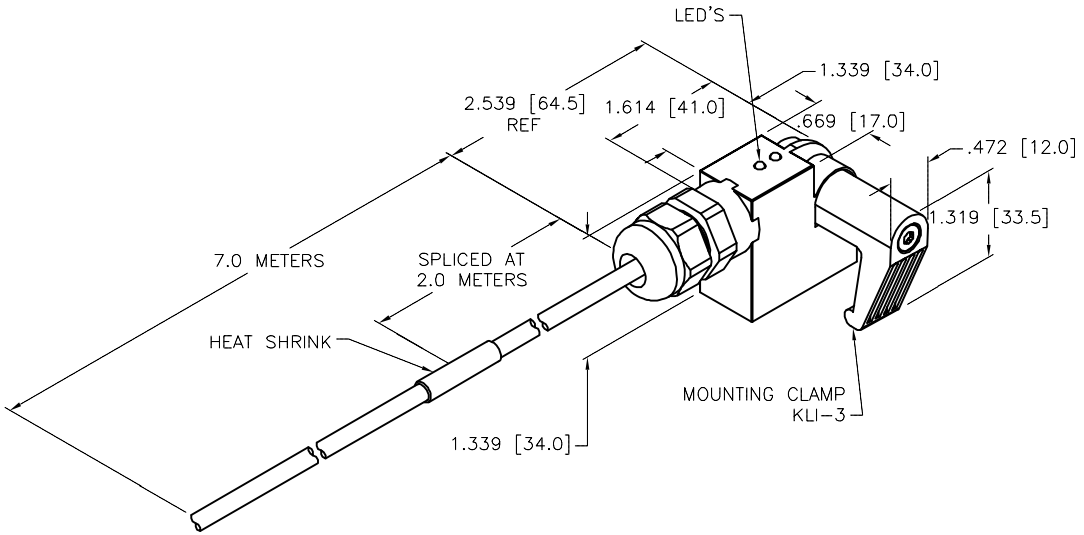
WIRING DIAGRAM



WARNING: NO SHORT–CIRCUIT PROTECTION
ALWAYS WIRE A LOAD IN SERIES WITH THE SENSOR.





SPECIFICATIONS

PASS SPEED	≤ 1.0 m/s
MIN. REPEAT ACCURACY	≥ ±0.1 mm
TEMPERATURE DRIFT	≤ 0.1mm
HYSTERESIS	≤ 1.0mm
OPERATING TEMPERATURE	–25°C to +70°C (–13°F to +158°F)
OPERATING VOLTAGE	20–250 VAC
RATED OPERATIONAL CURRENT (AC)	≤ 500mA
MAINS FREQUENCY	≥ 50 Hz to ≤ 60 Hz
RESIDUAL CURRENT	≤ 1.7 mA
RATED INSULATION VOLTAGE	≤ 1.5 kHz
MAX. VOLTAGE DROP	≤ 6.0 V
OUTPUT FUNCTION	2–WIRE, NORMALLY OPEN
SMALLEST OPERATING CURRENT	≥ 5.0 mA
MAX. SWITCHING FREQUENCY	≤ 0.02 kHz
HOUSING MATERIAL	METAL, GD–Zn
ACTIVE FACE	PLASTIC, PA12–GF30
CABLE	ø3.0, TPU
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED, YELLOW
OPERATING VOLTAGE INDICATION	LED, GREEN

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. MOUNTING CLAMP KLI–3 INCLUDED WITH SENSOR.

REV	DESCRIPTION	BY	DATE	ECO NO.
C	UPDATE DESCRIPTION	RDS	06/20/19	500000000158

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

MATERIAL: DIE CAST ZINC

FINISH

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

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DRFT: RDS | DATE: 01/08/13
APVD: A.F. | SCALE: 1=1.8

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

DESCRIPTION: BIM–IKM–AZ3X2 7M SPLICED W/KLI3

IDENTIFICATION NO.: 1347293 | REV: C

FILE: 1347293 | SHEET 1 OF 1

Approved 06/20/2019, work order #193564 by A.F.