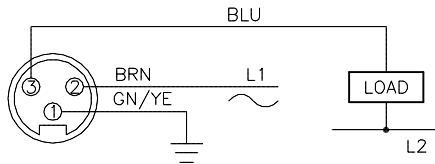


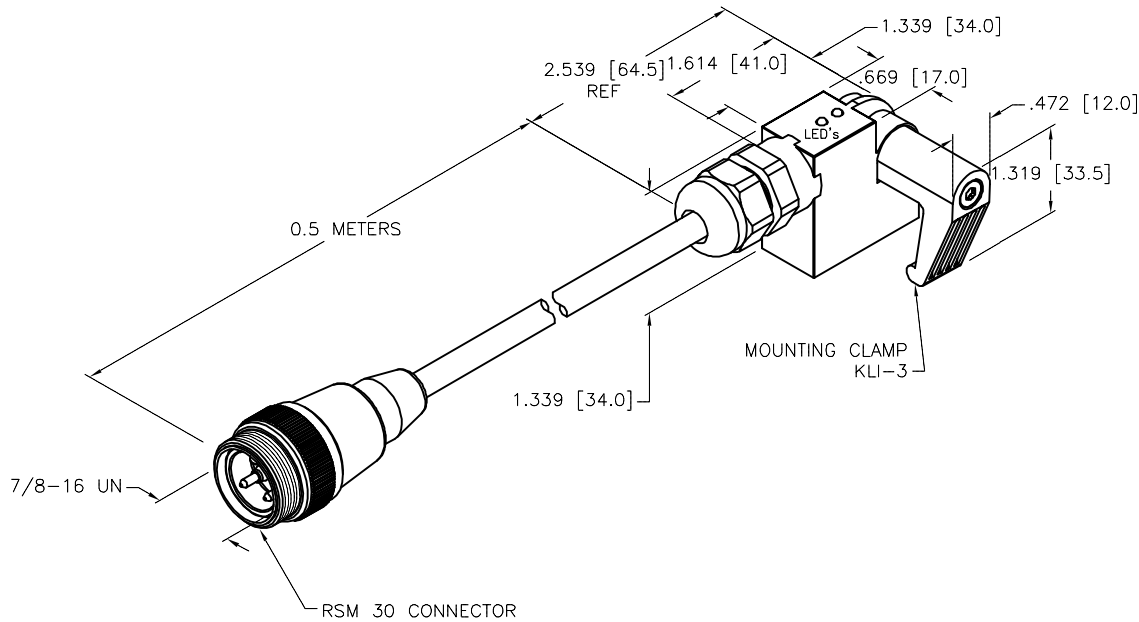
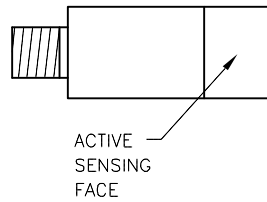
WIRING DIAGRAM



OUTPUT: AZ3X2

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

BOTTOM VIEW



SPECIFICATIONS

OPERATING VOLTAGE	20-250 VAC
LINE FREQUENCY	40-60 Hz
HYSTERESIS	≤ 1 mm
VOLTAGE DROP	≤ 6.3 V at 500 mA
OUTPUT FUNCTION	NORMALLY OPEN 2-WIRE AC SELF-CONTAINED
SHORT-CIRCUIT PROTECTED	NO
CONTINUOUS LOAD CURRENT	≤ 500 mA
RESIDUAL CURRENT	≤ 1.7 mA
MINIMUM LOAD CURRENT	≥ 5.0 mA
INRUSH CURRENT	≤ 8.0 A (≤ 10 ms/5 Hz)
TIME DELAY BEFORE AVAILABILITY	≤ 35 ms
POWER-ON EFFECT PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	5 kV, 10 ms, 10 kΩ
OPERATING TEMPERATURE	-25°C to +70°C (-13°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 YELLOW: OUTPUT ENERGIZED
SWITCHING FREQUENCY	20 Hz
REPEATABILITY	≤ 0.1 mm (CONSTANT TEMPERATURE AND VOLTAGE)
TEMPERATURE DRIFT	≤ 0.1 mm
MAXIMUM APPROACH VELOCITY	≤ 1 m/second
MAGNETIC ACTUATION STRENGTH	20-350 GAUSS (2-35 mT)

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. MOUNTING CLAMP KLI-3 INCLUDED WITH SENSOR.

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1. 2. 3. 4.				DRFT RDS DATE 04/20/10 APVD SCALE 1=1.8		DESCRIPTION BIM-IKM-AZ3X2-0.5-RSM30 W/KLI3	
MATERIAL DIE CAST ZINC		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. 1347294	
FINISH		CONTACT TURCK FOR MORE INFORMATION		DO NOT SCALE THIS DRAWING		REV D	
D	UPDATE DESCRIPTION	RDS	06/20/19	500000000158	FILE: 1347294		
REV	DESCRIPTION	BY	DATE	ECO NO.	SHEET 1 OF 1		