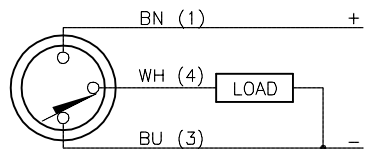


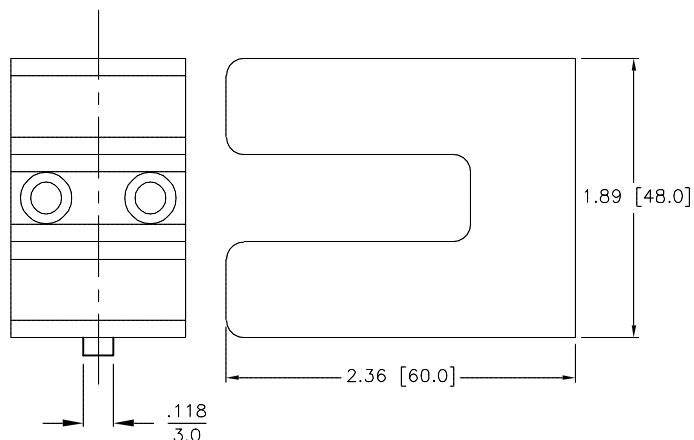
WIRING DIAGRAM



OUTPUT: RP6

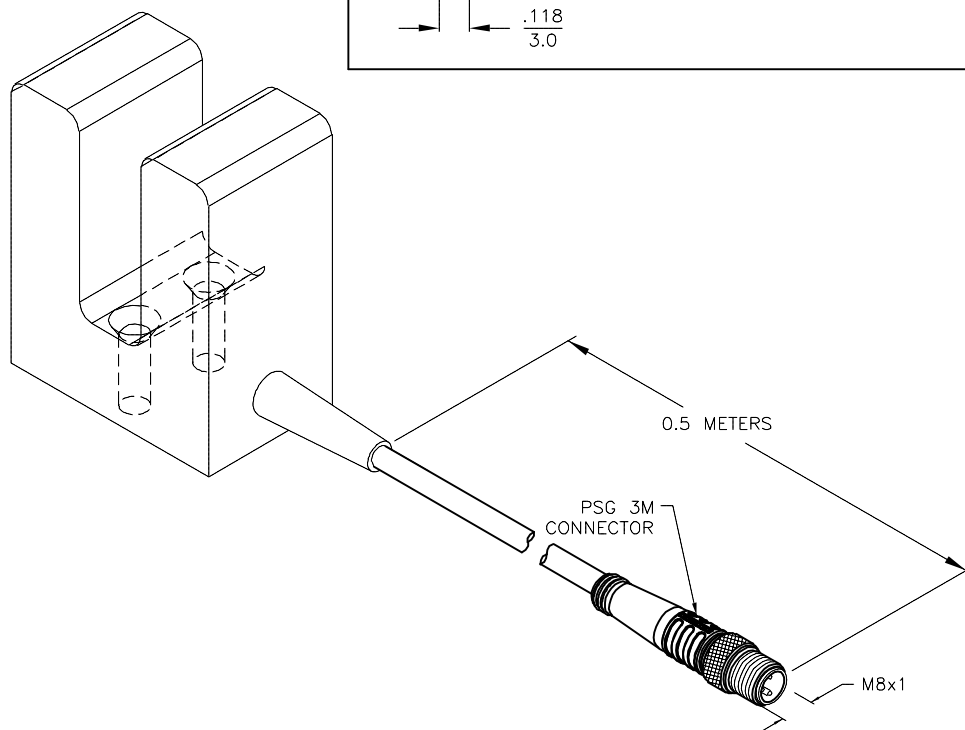
SHORT-CIRCUIT AND OVERLOAD PROTECTED

DETAIL "A"



SPECIFICATIONS

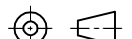
OPERATING VOLTAGE	10-30 VDC
RIPPLE	≤10%
DIFFERENTIAL TRAVEL (HYSTERESIS)	3-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤1.8 V at 200 mA
OUTPUT FUNCTION	NORMALLY CLOSED 3-WIRE DC SELF-CONTAINED
SHORT-CIRCUIT PROTECTED	YES
CONTINUOUS LOAD CURRENT	≤200 mA
NO-LOAD CURRENT	<15.0 mA
TIME DELAY BEFORE AVAILABILITY	≤2 ms
POWER-ON EFFECT PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
DEGREE OF PROTECTION	IP67
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SLOT GAP	15 mm (NOMINAL)
SWITCHING FREQUENCY	500 Hz
REPEATABILITY	≤2% of RATED OPERATING DISTANCE



NOTES:

1. "/S567" DESIGNATES SENSOR WIRED NORMALLY CLOSED.

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		TURCK 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us				
								
MATERIAL PLASTIC HOUSING	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT	NF	DATE	07/27/18	DESCRIPTION SI15-K30-VP6-0.5-PSG3M/S567		
APVD		A.F.	SCALE	1=1.3				
FINISH		CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT			IDENTIFICATION NO.		REV
			INCH [MILLIMETER]			1605090		A
		DO NOT SCALE THIS DRAWING			FILE: 1605090		SHEET 1 OF	

A	DRAWING RELEASE	NF	09/05/18	
REV	DESCRIPTION	BY	DATE	ECO NO.