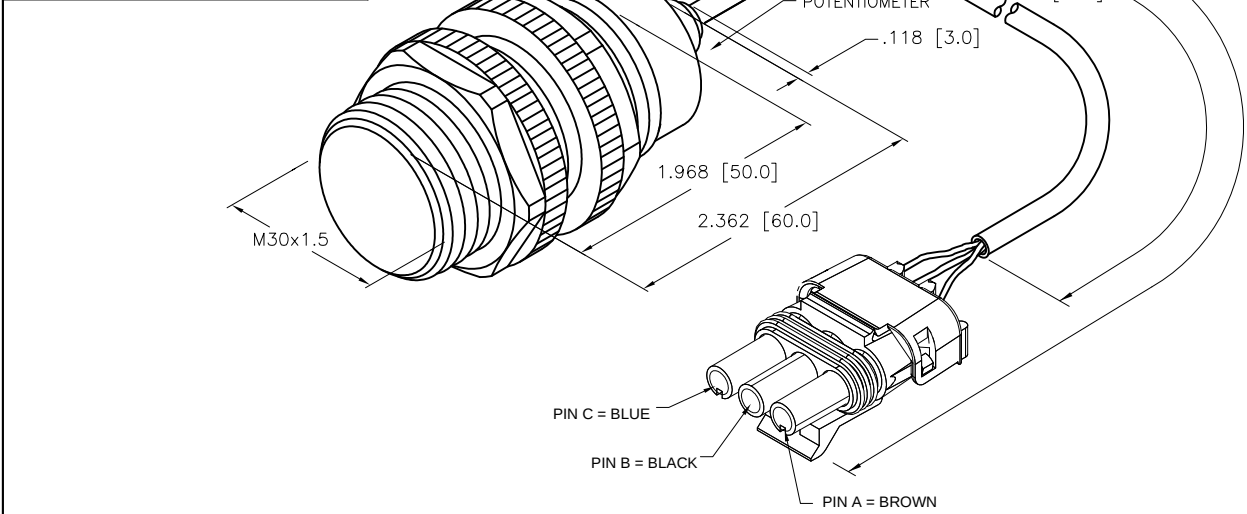
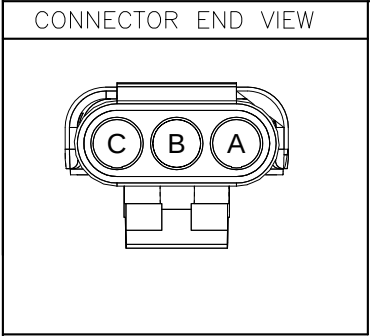
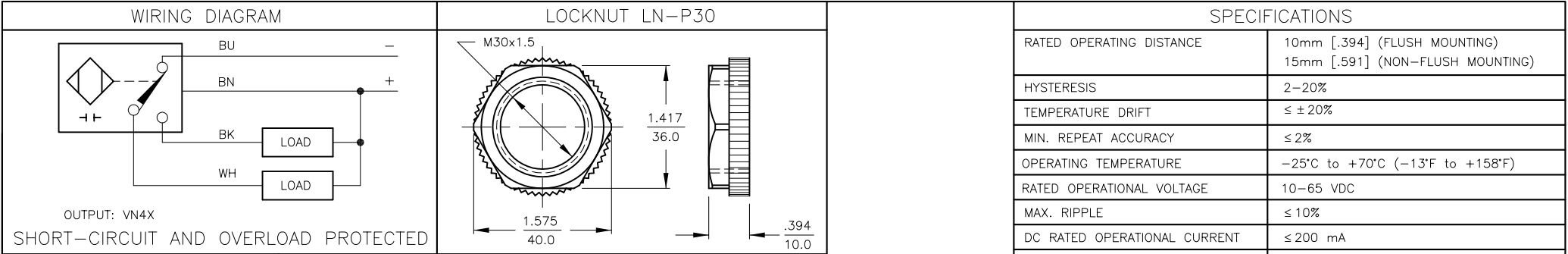




SPECIFICATIONS	
RATED OPERATING DISTANCE	10mm [.394] (FLUSH MOUNTING) 15mm [.591] (NON-FLUSH MOUNTING)
HYSTERESIS	2-20%
TEMPERATURE DRIFT	≤ ± 20%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-65 VDC
MAX. RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
MAX. SWITCHING FREQUENCY	≤ 0.1 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
OUTPUT FUNCTION	4-WIRE, CHANGE OVER, NPN
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
HOUSING MATERIAL	PLASTIC, PA12-GF20
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF20
CABLE	Ø5.2, LiYY, PVC
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
SWITCHING STATUS INDICATION	LED, YELLOW

CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE*
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
* UNLESS OTHERWISE SPECIFIED	

NOTES:

1. "/CS11486" DESIGNATES SENSOR WITH PACKARD WEATHERPACK CONNECTOR.

CONNECTOR - PACKARD ELECTRIC
CONNECTOR P/N 12015793
- TERMINAL P/N 12020801
- SEAL P/N 12015899 (3x) RED

18" OF CABLE FROM BACK OF SENSOR TO FRONT OF CONNECTOR; 16" FROM BACK OF SENSOR TO STRIP; TO BE WIRED AS FOLLOWS:

BROWN WIRE - +12V TO PIN A
BLACK WIRE - SIGNAL TO PIN B
BLUE WIRE - GND TO PIN C

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION

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DRFT TV
APVD N.J.

DATE 01/05/17
SCALE 1=1.3

UNIT OF MEASUREMENT
INCH [MILLIMETER]

DO NOT SCALE THIS DRAWING

3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1-800-544-7769
(763) 553-7300
(763) 553-0708 fax
www.turck.us

TURCK

DESCRIPTION
BCF10-S30-VN4X/CS11486

IDENTIFICATION NO.
2506001

REV
B

B UPDATE ID NUMBER PER HARMONIZATION PROJECT
REV DESCRIPTION

CBM 11/06/17
BY DATE ECO NO.