

MALE END VIEW

ARMOR 3 (LONG)  
4 2  
5 1  
6

PAIRED #1  
1 = BLUE  
2 = BROWN  
3 = GREEN/YELLOW

PAIRED #2  
4 = WHITE  
5 = BLACK  
6 = DRAIN

FEMALE END VIEW

ARMOR 3  
2 4  
1 5  
6

PAIRED #1  
1 = BLUE  
2 = BROWN  
3 = GREEN/YELLOW

PAIRED #2  
4 = WHITE  
5 = BLACK  
6 = DRAIN

WIRING DIAGRAM

P1 J1

1 2 1 2  
4 5 4 5  
3 3  
6 6

SPECIFICATIONS

CONTACT CARRIER MATERIAL	TPU
MOLDED HEAD MATERIAL/COLOR	TPU/BLACK
CONTACT MATERIAL/PLATING	BRASS/GOLD
COUPLING NUT MATERIAL/FINISH	STAINLESS STEEL/PASSIVATED
RATED CURRENT [A]	8.0 A
RATED VOLTAGE [V]	300 V
OUTER JACKET MATERIAL/COLOR	PVC/BLACK
INNER JACKET MATERIAL/COLOR	PVC/BLACK
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	5x18 AWG
DRAIN/SHIELD	20 AWG/ALUMINUM-POLYESTER FOIL
CONDUCTOR ARRANGEMENT	2 SHIELDED TWISTED PAIRS, 1 GND, 1 DRAIN
ARMOR	INTERLOCKING ALUMINUM ARMOR
TEMPERATURE RATING	-40°C to +105°C (-40°F to +221°F)
PROTECTION CLASS	NEMA 1,3,4,4X,6P,12 & IECIP67,IP68,IP69,IP69K
CABLE RATINGS	UL: ITC/PLTC-ER, DIRECT BURIAL, 105C CSA: ACIC, 90C, 300V

\* METERS  
+100.0mm/-0.0mm OR 4%  
(WHICHEVER IS GREATER)  
SEE NOTE 1

88.5 [3.48]

7/8-16UN

ø31.5 [1.24]

P1

ø17.0 [0.67]

ALUMINUM ARMOR

86.4 [3.40]

7/8-16UN

J1

ø31.5 [1.24]

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. "\*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

2. CABLE ARMOR IS CONNECTED TO THE COUPLING NUT(S).

NOTE  
PRELIMINARY  
SPECIFICATIONS

RELATED DOCUMENTS

3RD ANGLE  
PROJECTION

THIS DRAWING IS  
CONFIDENTIAL AND THE  
PROPERTY OF TURCK  
INC. USE OF THIS  
DOCUMENT WITHOUT  
WRITTEN PERMISSION IS  
PROHIBITED.

DRFT RDS  
APVD

DATE 02/01/13  
SCALE 1=1.5

UNIT OF MEASUREMENT  
MILLIMETER [ INCH ]

DO NOT SCALE THIS DRAWING

ALL DIMENSIONS  
DISPLAYED ON THIS  
DRAWING ARE FOR  
REFERENCE ONLY

CONTACT TURCK  
FOR MORE  
INFORMATION

DESCRIPTION

P-RSVB RKVB 66A-1802-\*M

IDENTIFICATION NO.

REV  
P5

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

P5	UPDATE PROTECTION CLASS	CBM	04/13/21	76628
REV	DESCRIPTION	BY	DATE	ECO NO.