

MALE END VIEW

(LONG)

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

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

WIRING DIAGRAM

P1

BLUE  
BROWN

WHITE  
BLACK

GRN/YEL

DRAIN

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]	600 V
OUTER CABLE JACKET MATERIAL/COLOR	EX60/BLACK
CONDUCTOR INSULATION MATERIAL	XLPE
NUMBER OF CONDUCTORS [AWG]	5x18 AWG
DRAIN/SHIELD	3x20 AWG/ALUM.-POLYESTER FOIL (PAIRS & OVERALL)
CONDUCTOR ARRANGEMENT	2 SHIELDED TWISTED PAIRS w/DRAIN, 1 GND, 1 DRAIN
TEMPERATURE RANGE	-60°C to +105°C (-76°F to +221°F)
PROTECTION CLASS	MEETS NEMA 1,3,4,6P AND IEC IP67
CABLE APPROVALS	UL: TC-ER/ITC-ER/PLTC-ER, Direct Burial, 105°C; -40°C COLD IMPACT; -60°C COLD BEND CSA: CIC/TC, DIRECT BURIAL, 90°C, 600V; -40°C COLD IMPACT; -60°C COLD BEND UL 1309 MARINE SHIPBOARD 600V; ABS CERTIFIED; IEEE 1202/FT4; IEEE 1580-2010; IEC 60332-3-22

\* METERS  
SEE NOTE 1

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.

RELATED DOCUMENTS

1.  
2.  
3.  
4.

MATERIAL

SEE SPECIFICATIONS

FINISH

SEE SPECIFICATIONS

3RD ANGLE PROJECTION

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DRFT RDS  
APVD J.S.

DATE 02/09/15  
SCALE 1=1.0

UNIT OF MEASUREMENT

MILLIMETER [ INCH ]

DO NOT SCALE THIS DRAWING

DESCRIPTION

P-RSV 66-2176XL-\*M

IDENTIFICATION NO.

REV

E

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

FILE: 777034641

SHEET 1 OF 1

E	UPDATE CABLE OD	NF	06/20/18	64977
REV	DESCRIPTION	BY	DATE	ECO NO.