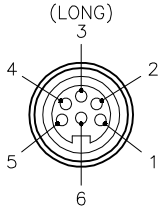
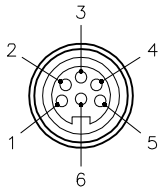
MALE END VIEW



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

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

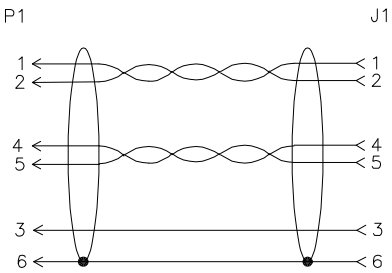
FEMALE END VIEW



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

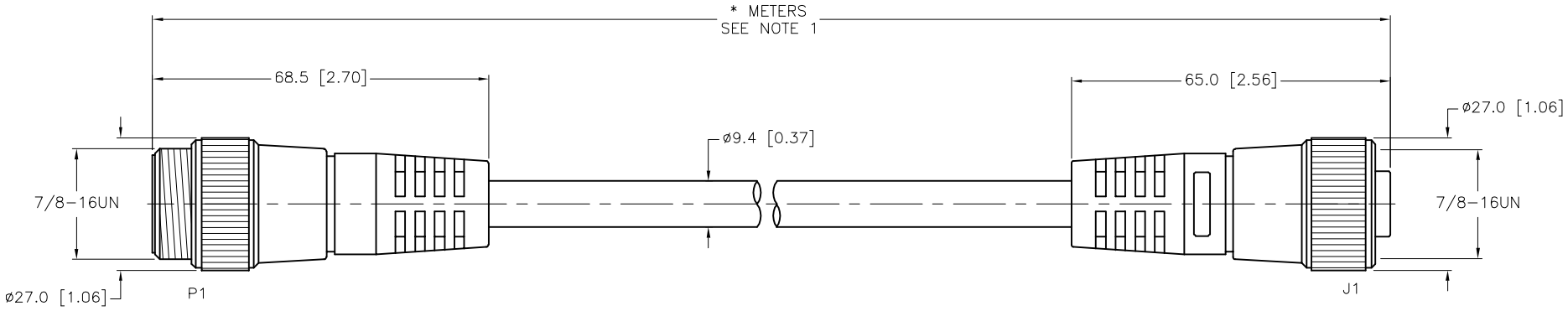
PAIRED #2
4 = WHITE
5 = BLACK
6 = DRAIN

WIRING DIAGRAM



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 CABLE JACKET MATERIAL/COLOR	PVC/BLACK
CONDUCTOR INSULATION MATERIAL	PVC/NYLON (NYLON OVERCOAT)
NUMBER OF CONDUCTORS [AWG]	5x18 AWG
DRAIN/SHIELD	3x20 AWG/FOIL (PAIRS), FOIL (OVERALL)
CONDUCTOR ARRANGEMENT	2 SHIELDED TWISTED PAIRS, 1 GND, 1 DRAIN
TEMPERATURE RANGE	−40°C to +105°C (−40°F to +221°F)
PROTECTION CLASS	NEMA 1,3,4,4X,6P,12 & IECIP67,IP68,IP69,IP69K
CABLE APPROVALS	UL: ITC−ER/PLTC−ER, Direct Burial, 105C CSA: CIC/TC, 90C, 600V C(UL) C22.2 No 245/1309 Marine Shipboard/IEEE 1580



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**	

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

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

REV	DESCRIPTION	BY	DATE	ECO NO.
K	UPDATED CABLE OD	AS	04/17/24	80078

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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TURCK

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(763) 553−0708 fax
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MATERIAL: SEE SPECIFICATIONS

FINISH: SEE SPECIFICATIONS

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT: RDS | DATE: 07/06/07
APVD: | SCALE: 1=1.3

UNIT OF MEASUREMENT
MILLIMETER [INCH]
DO NOT SCALE THIS DRAWING

DESCRIPTION: P−RSV RKV 66−494−*M

IDENTIFICATION NO.:

REV: K

FILE: 777018013

SHEET 1 OF 1