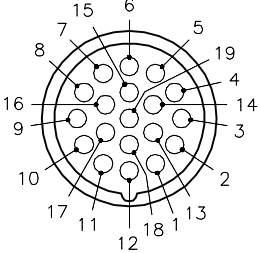


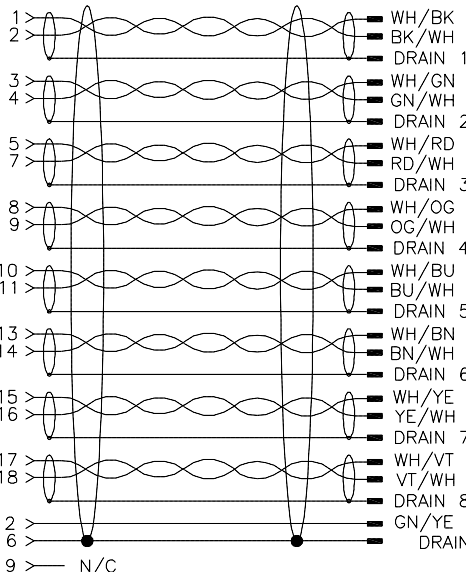
FEMALE END VIEW



1 = WHT/BLK
2 = BLK/WHT
3 = WHT/GRN
4 = GRN/WHT
5 = WHT/RED
6 = DRAIN
7 = RED/WHT
8 = WHT/ORG
9 = ORG/WHT
10 = WHT/BLU
11 = BLU/WHT
12 = GRN/YEL
13 = WHT/BRN
14 = BRN/WHT
15 = WHT/YEL
16 = YEL/WHT
17 = WHT/VLT
18 = VLT/WHT
19 = N/C

 M23 connector

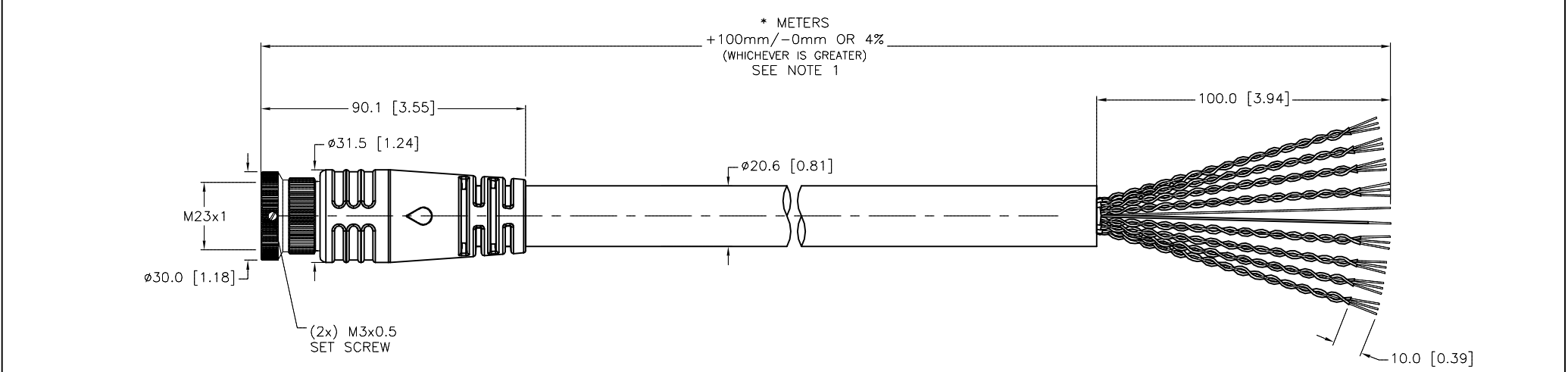
WIRING DIAGRAM



1 > WH/BK
2 > BK/WH
3 > WH/GN
4 > GN/WH
5 > WH/RD
6 > RD/WH
7 > WH/OG
8 > OG/WH
9 > WH/BU
10 > BU/WH
11 > WH/BN
12 > BN/WH
13 > WH/YE
14 > YE/WH
15 > WH/VT
16 > VT/WH
17 > WH/VE
18 > VE/WH
19 > N/C

SPECIFICATIONS

CONTACT CARRIER MATERIAL	NYLON or PBT
MOLDED HEAD MATERIAL/COLOR	TPU/BLACK
CONTACT MATERIAL/PLATING	BRASS/GOLD
COUPLING NUT MATERIAL/FINISH	STAINLESS STEEL/PASSIVATED
RATED CURRENT [A]	9.0 A (PIN 12), 2.0 A (ALL OTHERS)
RATED VOLTAGE [V]	150 V
OUTER JACKET MATERIAL/COLOR	PVC/BLACK
INNER JACKET MATERIAL/COLOR	PVC/BLACK
CONDUCTOR INSULATION MATERIAL	PVC/NYLON (NYLON OVERCOAT)
NUMBER OF CONDUCTORS [AWG]	16x18 AWG, 1x18 AWG GROUND
DRAIN/SHIELD	9x20 AWG DRAINS/ALUMINUM-POLYESTER FOIL
ARMOR	28 AWG T-C BRAIDED ARMOR
CONDUCTOR ARRANGEMENT	8 SHIELDED TWISTED PAIR W/DRAIN, 1 GND, 1 DRAIN
TEMPERATURE RANGE	-40°C to +105°C (-40°F to +221°F)
PROTECTION CLASS	IEC IP67
CABLE RATINGS	UL: ITC-ER/PLTC-ER, Direct Burial, 105C CSA: CIC, 90C, 600V C(UL): C22.2 No. 245/1309 MARINE SHIPBOARD/IEEE 1580



NOTES:

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

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

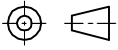
* UNLESS OTHERWISE SPECIFIED

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION



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DRFT RDS
APVD R.P.

DATE 07/14/14
SCALE 1=2.0

UNIT OF MEASUREMENT
MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

TURCK

3000 CAMPUS DRIVE
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(763) 553-7300
(763) 553-0708 fax
www.turck.us

DESCRIPTION

P-CKMT 19-2114-*

IDENTIFICATION NO.

REV
B

B	UPDATE CONDUCTOR INSULATION MATERIAL	NF	06/15/16	55092
REV	DESCRIPTION	BY	DATE	ECO NO.