

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

ARMOR

M23 connector

WIRING DIAGRAM

1 > WH/BK
2 > BK/WH
3 > DRAIN 1
4 > WH/GRN
5 > GRN/WH
6 > DRAIN 2
7 > WH/RED
8 > RD/WH
9 > DRAIN 3
10 > WH/ORG
11 > OG/WH
12 > DRAIN 4
13 > WH/BU
14 > BU/WH
15 > DRAIN 5
16 > WH/BN
17 > BN/WH
18 > DRAIN 6
19 > WH/YE
20 > YE/WH
21 > DRAIN 7
22 > WH/VT
23 > VT/WH
24 > DRAIN 8
25 > GN/YE
26 > DRAIN
27 > N/C

SPECIFICATIONS

CONTACT CARRIER MATERIAL	NYLON or PBT
MOLDED HEAD MATERIAL/COLOR	TPU/BLACK
CONTACT MATERIAL/PLATING	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL
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/NATURAL
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	16x22 AWG, 1x18 AWG GROUND
DRAIN/SHIELD	9x22 AWG DRAINS/ALUMINUM-POLYESTER FOIL
ARMOR	ALUMINUM 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/PLTC, 105C CSA: ACIC/CMG, 90C, 300V

+100mm/-0mm OR 4%
(WHICHEVER IS GREATER)
SEE NOTE 1

90.1 [3.55]

150.0 [5.90]

125.0 [4.92]

100.0 [3.94]

10.0 [0.39]

Ø31.5 [1.24]

Ø30.0 [1.18]

Ø19.8 [0.78]

M23x1

(2x) M3x0.5 SET SCREW

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).

SOURCE DRAWING - FOR REFERENCE ONLY

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1.		DRFT RDS	DATE 10/05/07	DESCRIPTION P-CKML 19A-419-*
2.			SCALE 1=1.5	
3.	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT MILLIMETER [INCH]	IDENTIFICATION NO.	REV F
4.				
MATERIAL	SEE SPECIFICATIONS	DO NOT SCALE THIS DRAWING	FILE: 777020135	SHEET 1 OF 1
FINISH	SEE SPECIFICATIONS			