

MALE 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

FEMALE END VIEW

M23 connector

WIRING DIAGRAM

P1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
J1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

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/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

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

90.1 [3.55]

M23x1

ø30.0 [1.18]

P1

(2x) M3x0.5 SET SCREW

ø19.8 [0.78]

J1

(2x) M3x0.5 SET SCREW

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
2.		APVD	SCALE	1=1.5	
3.	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT		DESCRIPTION	
4.		MILLIMETER [INCH]		P-CSMT CKMT 19A-419-*	
MATERIAL	CONTACT TURCK FOR MORE INFORMATION	IDENTIFICATION NO.		REV	
SEE SPECIFICATIONS		FILE: 777020140		F	
FINISH	DO NOT SCALE THIS DRAWING	SHEET 1 OF 1			