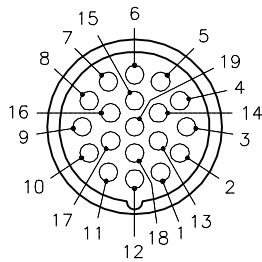



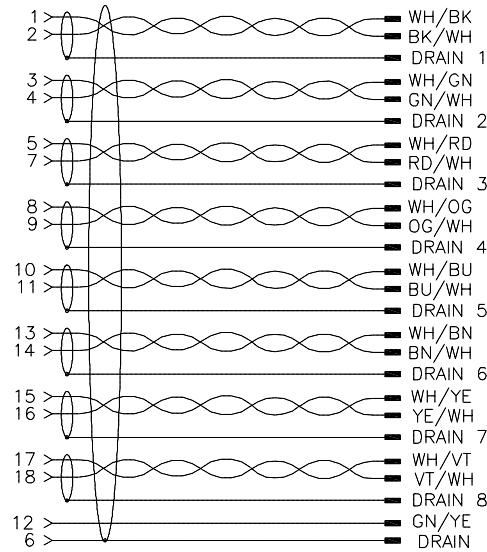
FEMALE END VIEW



- 1 = WHITE/BLACK
- 2 = BLACK/WHITE
- 3 = WHITE/GREEN
- 4 = GREEN/WHITE
- 5 = WHITE/RED
- 6 = DRAIN
- 7 = RED/WHITE
- 8 = WHITE/ORANGE
- 9 = ORANGE/WHITE
- 10 = WHITE/BLUE
- 11 = BLUE/WHITE
- 12 = GREEN/YELLOW
- 13 = WHITE/BROWN
- 14 = BROWN/WHITE
- 15 = WHITE/YELLOW
- 16 = YELLOW/WHITE
- 17 = WHITE/VIOLET
- 18 = VIOLET/WHITE
- 19 = N/C

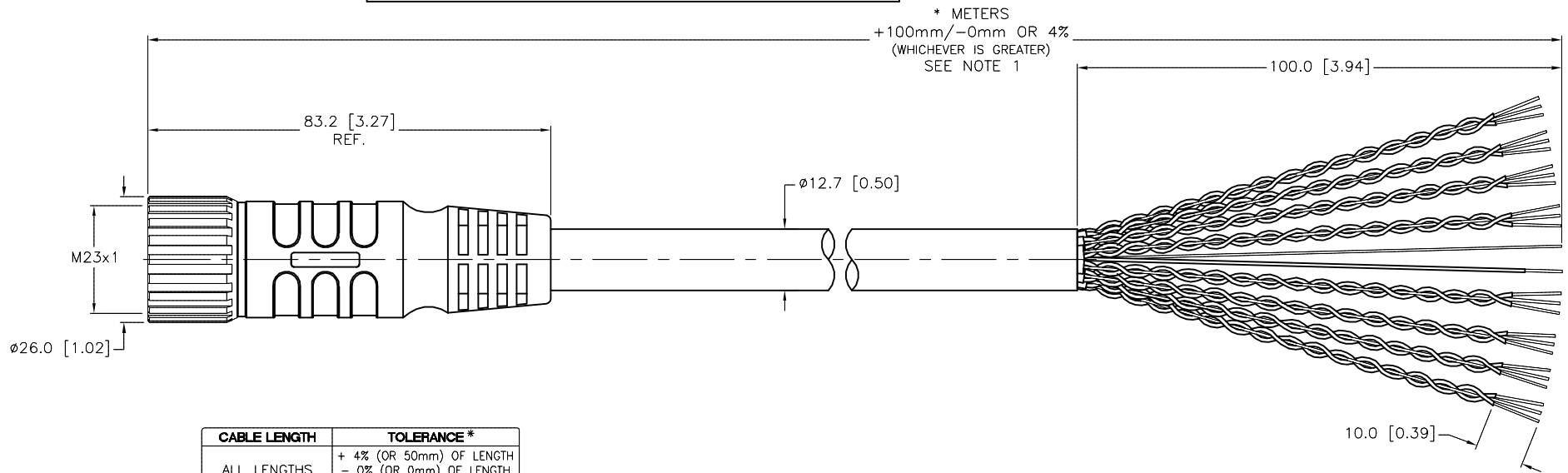
 M23 connector

WIRING DIAGRAM



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	TPU/PLUM
CONDUCTOR INSULATION MATERIAL	PVC W/NYLON OVERCOAT
NUMBER OF CONDUCTORS [AWG]	16x22 AWG, 1x18 AWG GROUND
DRAIN/SHIELD	9x22 AWG DRAINS/ALUMINUM MYLAR (PAIRS & OVERALL)
CONDUCTOR ARRANGEMENT	8 SHIELDED TWISTED PAIR W/DRAIN, 1 GND, 1 DRAIN
TEMPERATURE RATING	-40°C to +105°C (-40°F to +221°F)
PROTECTION CLASS	MEETS IEC IP67
CABLE RATINGS	UL: ITC/PLTC/105C, 300V, CSA: CIC/CMX-OUTDOOR-CM, 105C, 300 V

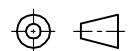


CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE*
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm

\* UNLESS OTHERWISE SPECIFIED

SOURCE DRAWING - FOR REFERENCE ONLY

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

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1.		DRFT	RDS	DATE	04/30/08
2.		APVD		SCALE	1=1.3
3.	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT		DESCRIPTION	
4.		MILLIMETER [ INCH ]		P-CKMV 19-416-*	
MATERIAL	CONTACT TURCK FOR MORE INFORMATION	IDENTIFICATION NO.		REV	
SEE SPECIFICATIONS				G	
FINISH	DO NOT SCALE THIS DRAWING	FILE: 777021615		SHEET 1 OF 1	
SEE SPECIFICATIONS					

G	DRAWING PROCESSED AS PART OF ECO 39876	KMY	09/13/12	39876
REV	DESCRIPTION	BY	DATE	ECO NO.