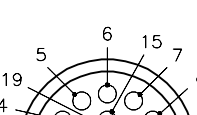


MALE END VIEW



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



M23 connector

PANEL CUTOUT (TYPICAL)

REF. KEY TO FLAT
8.7 [0.34] REF. →

9.0 [0.35]

$\varnothing 20.0 \pm 0.1$
 $[\varnothing 0.79 \pm .004]$

BASIC THRU

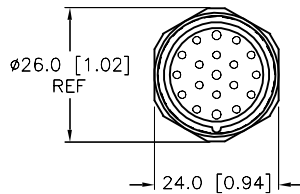
NON-ROTATIONAL THRU

REF. KEY TO FLAT
8.7 [0.34] REF.

9.0 [0.35]

BASIC THRU

NON-ROTATIONAL
THRU



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**

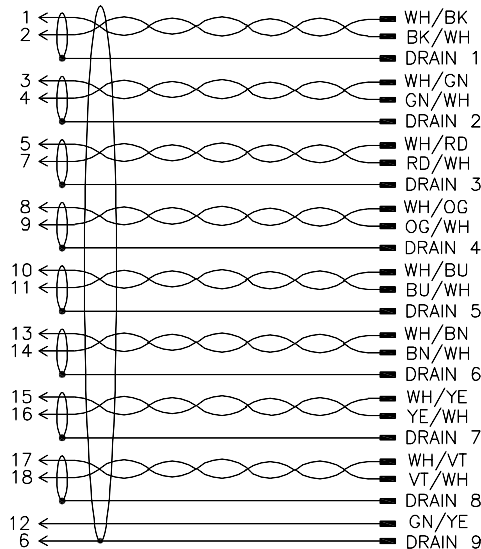
* UNLESS OTHERWISE SPECIFIED

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

WIRING DIAGRAM

The diagram illustrates the wiring for a 16-pin connector. The pins are numbered 1 through 16 on the left side. The wires are color-coded and labeled with their functions on the right side. The connections are as follows:

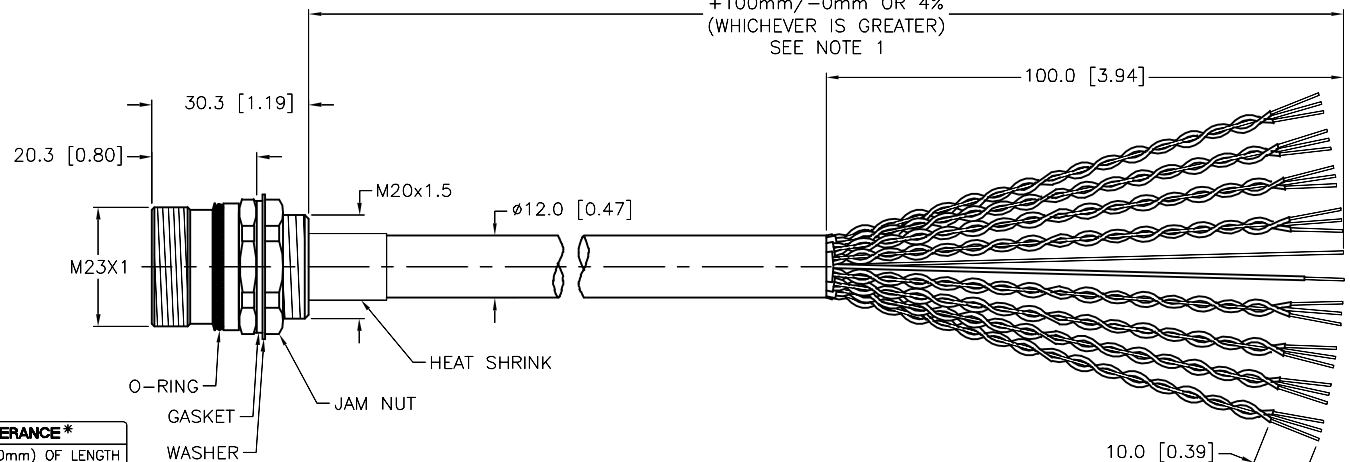
Pin	Wire Color	Function
1	WH/BK	WH/BK
2	BK/WH	BK/WH
3	WH/GN	WH/GN
4	GN/WH	GN/WH
5	WH/RD	WH/RD
7	RD/WH	RD/WH
8	WH/OG	WH/OG
9	OG/WH	OG/WH
10	WH/BU	WH/BU
11	BU/WH	BU/WH
13	WH/BN	WH/BN
14	BN/WH	BN/WH
15	WH/YE	WH/YE
16	YE/WH	YE/WH
17	WH/VT	WH/VT
18	VT/WH	VT/WH
12	GN/YE	GN/YE
6	DRAIN	DRAIN 9



SPECIFICATIONS	
CONTACT CARRIER MATERIAL	NYLON or PBT
CONTACT MATERIAL/PLATING	BRASS/GOLD
HOUSING/LOCKNUT MATERIAL/PLATING	BRASS/NICKEL
O-RING/GASKET MATERIAL	RUBBER (NBR or FPM)
RATED CURRENT [A]	2.0 A
RATED VOLTAGE [V]	150 V
OUTER JACKET MATERIAL/COLOR	PVC/PLUM
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	16x22 AWG, 1x18 AWG GROUND
DRAIN/SHIELD	9x22 AWG DRAINS/ALUMINUM FOIL SHIELDED
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	MEETS IEC IP67
CABLE RATINGS	UL: ITC/PLTC/AWM, 105C, 300V CSA: CMG/AWM, 105C, 300V
MAXIMUM PANEL THICKNESS	3.5 [0.138]

* METERS

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



SOURCE DRAWING - FOR REFERENCE ONLY

- 1.
- 2.
- 3.
- 4.

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DOCUMENT WITHOUT
WRITTEN PERMISSION IS
PROHIBITED.

DRFT	JBU
APVD	

UNIT OF MEASUREMENT
MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

CONTACT TURCK
FOR MORE
INFORMATION

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DRAWING ARE FOR
REFERENCE ONLY

DRFT	JBU
APVD	

DATE	12/05/02
SCALE	1-1.5

UNIT OF MEASUREMENT
MILLIMETER [INCH]

P-CSFL 19-959-*

IDENTIFICATION NO.

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F

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