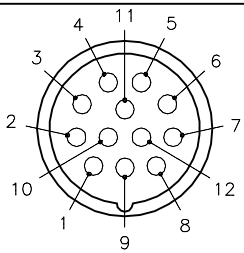


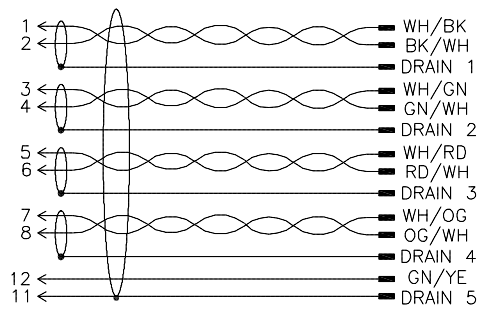
MALE END VIEW



1 = WHITE/BLACK
2 = BLACK/WHITE
3 = WHITE/GREEN
4 = GREEN/WHITE
5 = WHITE/RED
6 = RED/WHITE
7 = WHITE/ORANGE
8 = ORANGE/WHITE
9 = N/C
10 = N/C
11 = DRAIN
12 = GREEN/YELLOW

 M23 connector

WIRING DIAGRAM

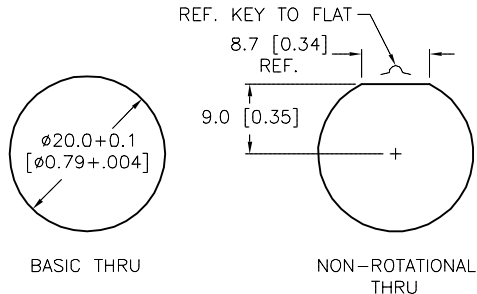


1 ← WH/BK
2 ← BK/WH
3 ← DRAIN 1
4 ← WH/GN
5 ← GN/WH
6 ← DRAIN 2
7 ← WH/RD
8 ← RD/WH
9 ← DRAIN 3
10 ← WH/OG
11 ← OG/WH
12 ← DRAIN 4
13 ← GN/YE
14 ← DRAIN 5

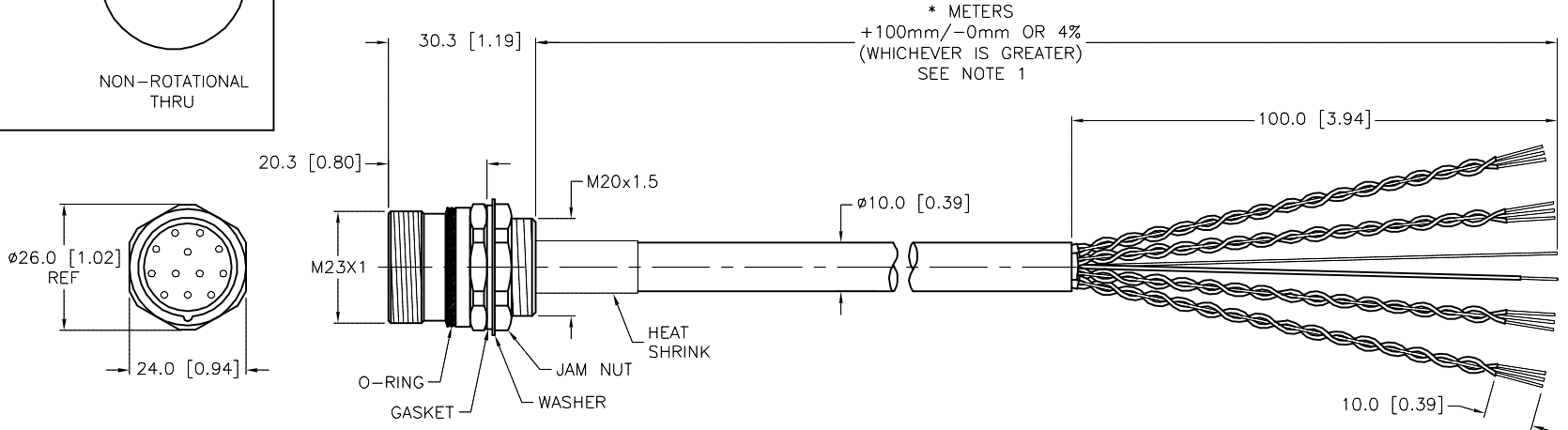
SPECIFICATIONS

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]	3.0 A
RATED VOLTAGE [V]	300 V
OUTER JACKET MATERIAL/COLOR	PVC/PLUM
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	8x22 AWG, 1x18 AWG GROUND
DRAIN/SHIELD	5x22 AWG DRAINS/ALUMINUM FOIL SHIELDED
CONDUCTOR ARRANGEMENT	4 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]

PANEL CUTOUT (TYPICAL)



REF. KEY TO FLAT
8.7 [0.34] REF.
9.0 [0.35]
BASIC THRU
NON-ROTATIONAL THRU



30.3 [1.19]
20.3 [0.80]
M20x1.5
M23x1
O-RING
GASKET
JAM NUT
WASHER
HEAT SHRINK
Ø10.0 [0.39]
100.0 [3.94]
10.0 [0.39]

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

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	

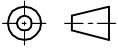
NOTES:
1. "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION



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DRFT
APVD

JB
JB

DATE
SCALE

12/05/02
1=1.5

DESCRIPTION

P-CSFL 12-960-*

UNIT OF MEASUREMENT

MILLIMETER [INCH]

CONTACT TURCK FOR MORE INFORMATION

DO NOT SCALE THIS DRAWING

IDENTIFICATION NO.

FILE: 777001414

REV

D

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