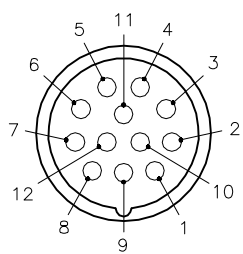


FEMALE END VIEW



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

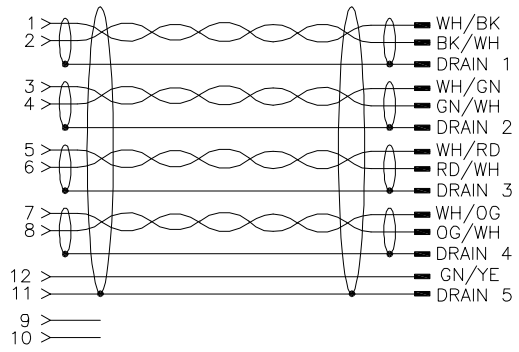
11 = DRAIN

12 = GREEN/YELLOW

M23 connector



WIRING DIAGRAM



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]	3.0 A
RATED VOLTAGE [V]	250 V
OUTER JACKET MATERIAL/COLOR	PVC/BLUE
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	8x22 AWG, 1x18 AWG GROUND
CONDUCTOR ARRANGEMENT	4 SHIELDED TWISTED PAIR W/DRAIN, 1 GND, 1 DRAIN
DRAIN/SHIELD	4X24, 1X22 AWG/ALUMINUM-POLYESTER FOIL
TEMPERATURE RANGE	-40°C to +105°C (-40°F to +221°F)
PROTECTION CLASS	IEC IP67
CABLE RATINGS	UL: ITC/PLTC/AWM, 105C, 300 V CSA: CMX-OUTDOOR-CMG/AWM, 105C, 300V

50.3 [1.98] REF.

38.3 [1.51] REF.

73.3 [2.88]

Ø26.0 [1.02]

Ø10.0 [0.39]

100.0 [3.94]

10.0 [0.39]

Ø10.0 [0.39]

* METERS

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

SEE NOTE 1

CABLE LENGTH

TOLERANCE*

+ 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.

RELATED DOCUMENTS

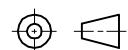
1.

2.

3.

4.

3RD ANGLE PROJECTION



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DRFT RDS

DATE 06/04/09

APVD

SCALE 1=1.3

UNIT OF MEASUREMENT

MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1-800-544-7769
(763) 553-7300
(763) 553-0708 fax
www.turck.us

TURCK

DESCRIPTION

P-CKWM 12-978-*

IDENTIFICATION NO.

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SHEET 1 OF 1

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