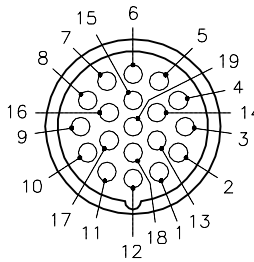


FEMALE END VIEW



1 = VIOLET

2 = RED

3 = GRAY

4 = RED/BLUE

5 = GREEN

6 = BLUE

7 = GRAY/PINK

8 = WHITE/GREEN

9 = WHITE/YELLOW

10 = TAN

11 = BLACK

12 = ORANGE

13 = YELLOW/BROWN

14 = BROWN/GREEN

15 = WHITE

16 = YELLOW

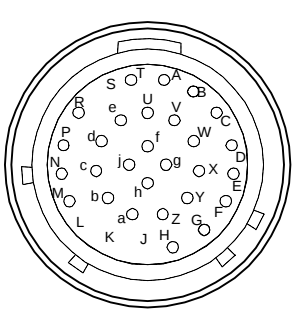
17 = PINK

18 = GRAY/BROWN

19 = BROWN

 M23 connector

MALE END VIEW



A = BROWN

B-F = N/C

G = BLUE

H = WHITE/YELLOW

J = YELLOW/BROWN

K = TAN

L = GRAY/BROWN

M = N/C

N = WHITE

P = GREEN

R = YELLOW

S = GRAY

T = PINK

U = RED

V = BLACK

W = VIOLET

X = GRAY/PINK

Y = RED/BLUE

Z = WHITE/GREEN

a = BROWN/GREEN

b-h = N/C

j = ORANGE (GND)

CONNECTOR

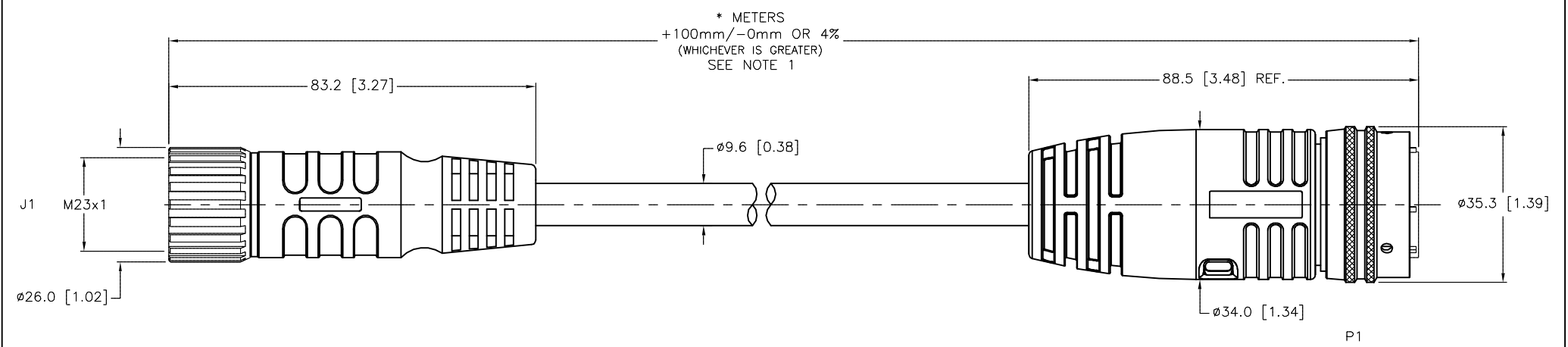
TYPE/STYLE/CLASS - MS 3116 M

SHELL SIZE - 18

INSERT ARRANGEMENT - 32P

SPECIFICATIONS

CONTACT CARRIER MATERIAL	NYLON or PBT (J1), NEOPRENE (P1)
MOLDED HEAD MATERIAL/COLOR	TPU/BLACK (J1), PVC/BLACK (P1)
CONTACT MATERIAL/PLATING	BRASS/GOLD (J1), CU ALLOY/GOLD (P1)
COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL (J1), ALUMINUM ALLOY/OLIVE DRAB CHROMATE (P1)
RATED CURRENT [A]	3.5 A (PINS 6,12,19), 2.0 A (ALL OTHERS)
RATED VOLTAGE [V]	150 V
OUTER JACKET MATERIAL/COLOR	TPE/BLACK
CONDUCTOR INSULATION MATERIAL	POLYESTER ELASTOMER
NUMBER OF CONDUCTORS [AWG]	19x22 AWG
TEMPERATURE RANGE	-40°C to +105°C (-40°F to +221°F)
PROTECTION CLASS	IEC IP67



NOTES:

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

RELATED DOCUMENTS

1.

2.

3.

4.

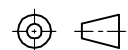
MATERIAL

SEE SPECIFICATIONS

FINISH

SEE SPECIFICATIONS

3RD ANGLE PROJECTION



ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.

DRFT NF

APVD D.C.

DATE 02/15/16

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

DESCRIPTION

CKM 19-19-*-MS 3116M-18-32P-1958

IDENTIFICATION NO.

REV

C

FILE: 777037164

SHEET 1 OF 1