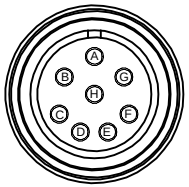
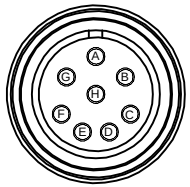
FEMALE END VIEW



A = ORANGE
B = GREEN/YELLOW
C = RED
D = WHITE
E = BLACK
F = WHITE/BLACK
G = BLUE
H = RED/BLACK

CONNECTOR
TYPE/STYLE – MS 3106M
SHELL SIZE – 20
INSERT ARRANGEMENT – 7S

MALE END VIEW

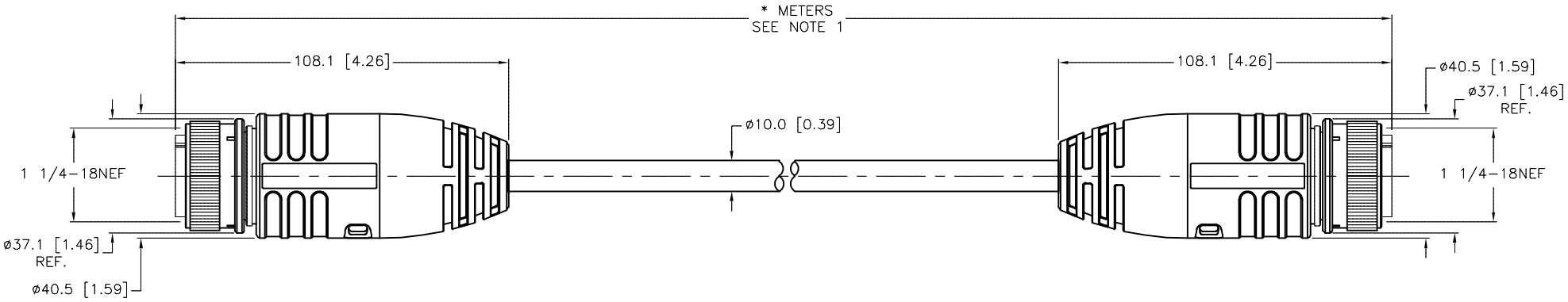


A = ORANGE
B = GREEN/YELLOW
C = RED
D = WHITE
E = BLACK
F = WHITE/BLACK
G = BLUE
H = RED/BLACK

CONNECTOR
TYPE/STYLE – MS 3106M
SHELL SIZE – 20
INSERT ARRANGEMENT – 7P

SPECIFICATIONS

CONTACT CARRIER MATERIAL	NEOPRENE
MOLDED HEAD MATERIAL/COLOR	PVC/BLACK
CONTACT MATERIAL/PLATING	COPPER ALLOY/SILVER
COUPLING NUT MATERIAL/PLATING	ALUMINUM ALLOY/OLIVE DRAB CHROMATE
MOLD SLEEVE	ALUMINUM/BLACK ANODIZED
RATED CURRENT [A]	9.0 A
RATED VOLTAGE [V]	500V (PINS B,C,F,G), 200V (ALL OTHERS)
OUTER JACKET MATERIAL/COLOR	PVC/YELLOW
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS	8x16 AWG
TEMPERATURE RATING	–40°C TO +105°C (–40°F TO +221°F)
PROTECTION CLASS	MEETS NEMA 1,3,4,6P AND IEC IP67, IP68
CONNECTOR TYPE	MIL–DTL–5015



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 LENGTH.

SOURCE DRAWING - FOR REFERENCE ONLY

REV	DESCRIPTION	BY	DATE	ECO NO.
B	UPDATE CONDUCTOR COLOR	NF	11/27/17	61075

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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

TURCK

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

MATERIAL: SEE SPECIFICATIONS

FINISH: SEE SPECIFICATIONS

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT: NF | DATE: 08/11/16
APVD: T.K. | SCALE: 1=2.0

UNIT OF MEASUREMENT
MILLIMETER [INCH]
DO NOT SCALE THIS DRAWING

DESCRIPTION: MS 3106M–20–7S–1032–*–20–7P

IDENTIFICATION NO.

REV: B

FILE: 777038722

SHEET 1 OF 1

Approved 11/30/2017, work order #150616 by T.S.