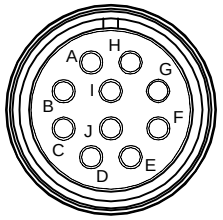
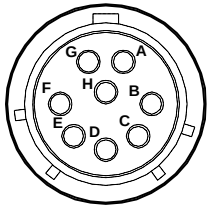
FEMALE END VIEW



A = WHITE
B = GREEN
C = RED
D = BLUE
E = N/C
F = BLACK
G = BLACK
H = BLACK
I = BLACK
J = N/C

CONNECTOR
TYPE/STYLE – MS 3106M
SHELL SIZE – 18
INSERT ARRANGEMENT – 1S

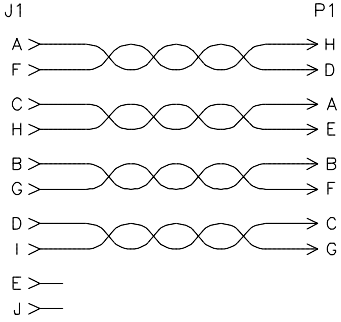
MALE END VIEW



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

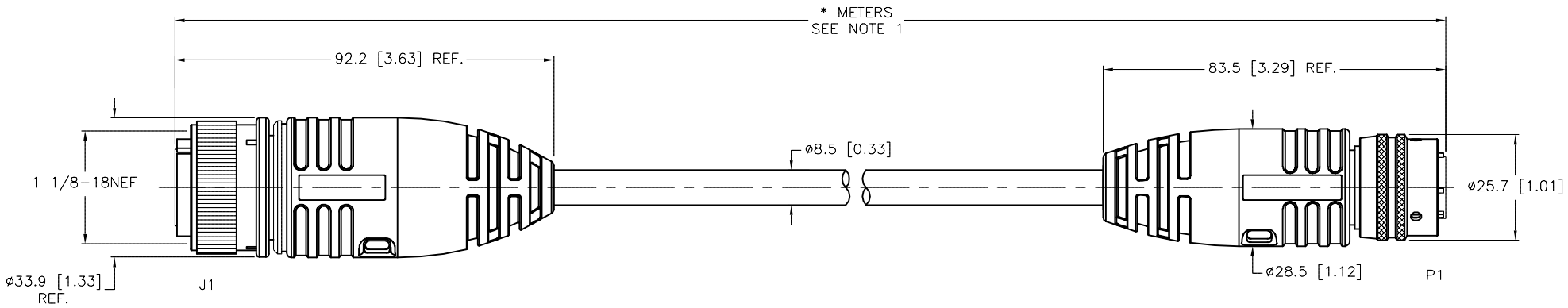
CONNECTOR
TYPE/STYLE – MS 3116M
SHELL SIZE – 12
INSERT ARRANGEMENT – 8P

WIRING DIAGRAM



SPECIFICATIONS

CONTACT CARRIER MATERIAL	NEOPRENE
MOLDED HEAD MATERIAL/COLOR	PVC/BLACK
CONTACT MATERIAL/PLATING	COPPER ALLOY/SILVER (J1), GOLD (P1)
COUPLING NUT MATERIAL/PLATING	ALUMINUM ALLOY/OLIVE DRAB CHROMATE
MOLD SLEEVE	ALUMINUM/BLACK ANODIZED
RATED CURRENT [A]	7.5 A
RATED VOLTAGE [V]	200 V
OUTER JACKET MATERIAL/COLOR	PVC/GRAY
CONDUCTOR INSULATION MATERIAL	PP
NUMBER OF CONDUCTORS	8x20 AWG
DRAIN/SHIELD	22 AWG DRAIN/FOIL AND BRAIDED SHIELD
TEMPERATURE RATING	−40°C to +80°C (−40°F to +176°F)
PROTECTION CLASS	MEETS NEMA 1,3,4,6P AND IEC IP67,IP68
CONNECTOR TYPE	MIL−DTL−5015 (J1), MIL−DTL−26482 (P1)



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	

SOURCE DRAWING - FOR REFERENCE ONLY

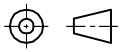
NOTES:

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

REV	DESCRIPTION	BY	DATE	ECO NO.
A	DRAWING RELEASE	NF	07/05/17	

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION



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MATERIAL: SEE SPECIFICATIONS

FINISH: SEE SPECIFICATIONS

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT: NF | DATE: 06/05/17
APVD: M.A. | SCALE: 1=1.5

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

DESCRIPTION: MS 3106M−18−1S−987−*−MS 3116M−12−8P

IDENTIFICATION NO.

REV: A

FILE: 777039858

SHEET 1 OF 1