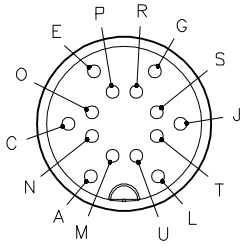
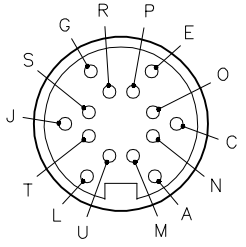
MALE END VIEW	FEMALE END VIEW



T = GREEN
J = BLUE
S = WHITE
G = N/C
R = N/C
U = ORANGE
M = BROWN
P = DRAIN
E = N/C
O = YELLOW
C = RED
N = BLACK



M16 connector

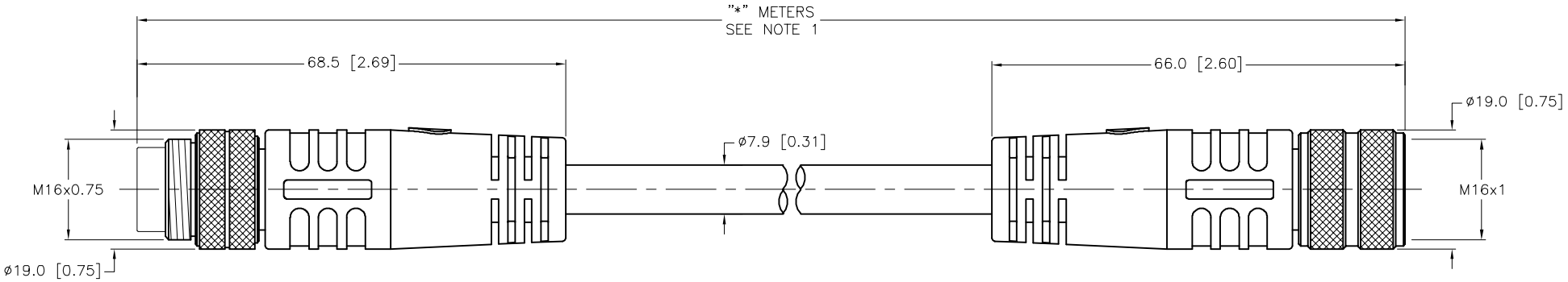
M16 connector

THE FOLLOWING WIRES ARE TWISTED PAIRS:

BLACK – RED
YELLOW – WHITE
BLUE – GREEN
BROWN – ORANGE

SPECIFICATIONS

CONTACT CARRIER MATERIAL/COLOR	TPU/BLACK
CONTACT MATERIAL/PLATING	COPPER ALLOY/GOLD
MOLDED HEAD MATERIAL/COLOR	TPU/YELLOW
COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL
RATED CURRENT [A]	3.0 A
RATED VOLTAGE [V]	60V AC/DC
OUTER JACKET MATERIAL/COLOR	PVC/YELLOW
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	8x24 AWG (4 TWISTED PAIRS), 22 AWG DRAIN
SHIELD	36 AWG TC BRAID (90% COVERAGE) ALUMINUM FOIL (100% COVERAGE)
TEMPERATURE RANGE	–40°C to +105°C (–40°F to +221°F)
PROTECTION CLASS	MEETS IEC IP67



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

REV	DESCRIPTION	BY	DATE	ECO NO.
B	DRAWING PROCESSED AS PART OF ECO 33971	CBM	04/07/11	33971

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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

MATERIAL

FINISH

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CONTACT TURCK FOR MORE INFORMATION

DRFT RDS | DATE 03/25/09
APVD | SCALE 1=1.0

UNIT OF MEASUREMENT
MILLIMETERS

DO NOT SCALE THIS DRAWING

DESCRIPTION
RBS RBK 1614–802–*

IDENTIFICATION NO.

REV B

FILE: 777024192

SHEET 1 OF 1