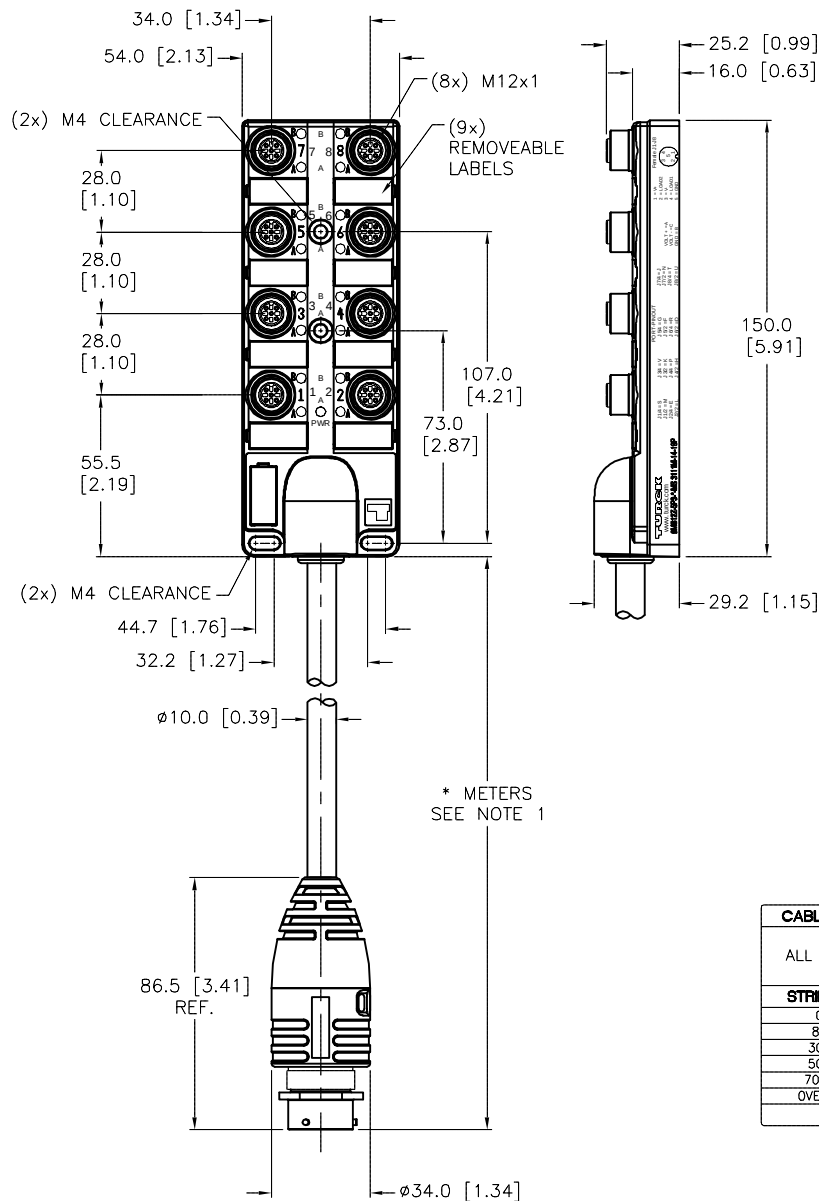


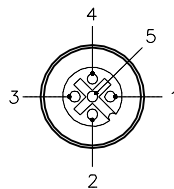


* METERS
SEE NOTE 1

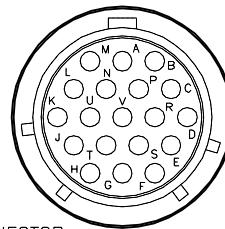
NOTES:

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

FEMALE END VIEW



MALE END VIEW



CONNECTOR
TYPE/STYLE - MS 3111M
SHELL SIZE - 14
INSERT ARRANGEMENT - 19P

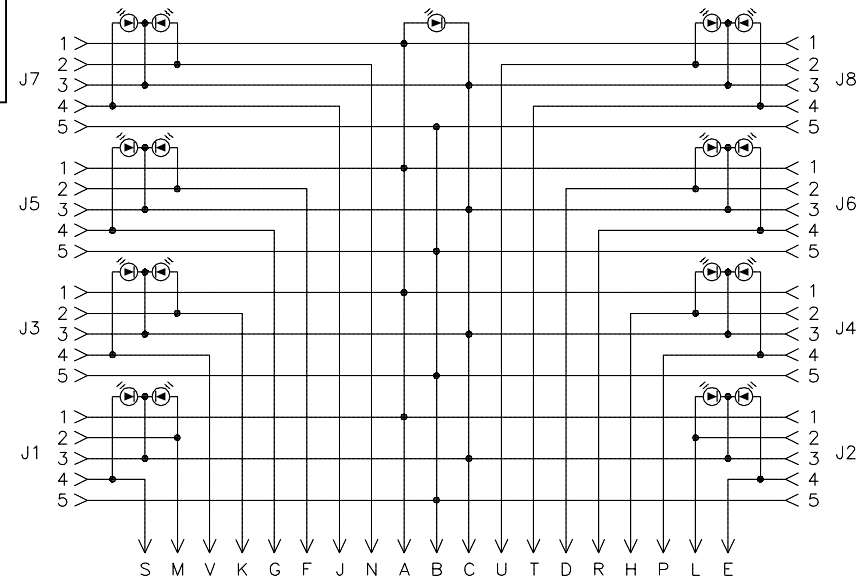
CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE*
0-7mm	± 0.5 mm
8-29mm	± 1.0 mm
30-49mm	± 2.0 mm
50-69mm	± 3.0 mm
70-100mm	± 4.0 mm
OVER 100mm	± 5.0 mm

* UNLESS OTHERWISE SPECIFIED

SPECIFICATIONS

NUMBER OF CONDUCTORS [AWG]	3x18 AWG, 16x22 AWG
DRAIN/SHIELD	20 AWG/ALUMINUM-POLYESTER FOIL
CONDUCTOR INSULATION MATERIAL	PVC
OUTER JACKET MATERIAL/COLOR	PVC/YELLOW
HOUSING MATERIAL/COLOR	NYLON/BLACK
RECEPTACLE MATERIAL/PLATING	BRASS/NICKEL
CONTACT CARRIER MATERIAL	NYLON
CONTACT MATERIAL/PLATING	BRASS/GOLD
O-RING MATERIAL	FKM/FPM
MOLDED HEAD MATERIAL (P1)	PVC/BLACK
CONTACT MATERIAL/PLATING (P1)	COPPER ALLOY/GOLD
COUPLING NUT MATERIAL/PLATING (P1)	ALUMINUM ALLOY/OLIVE DRAB CHROMATE
OPERATING VOLTAGE [V]	10-30 VDC
OPERATING CURRENT [A]	4.0 AMPS/SIGNAL, 12.0 AMPS TOTAL
PROTECTION CLASS	IP68, IP69K: ONLY WHEN ALL RECEPTACLES ARE COVERED WITH PLUGS OR CONNECTED
OPERATING TEMPERATURE	-40°C to +85°C (-40°F to +185°F)

WIRING DIAGRAM



SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

- 1.
- 2.
- 3.
- 4.

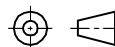
MATERIAL

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
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INC. USE OF THIS
DOCUMENT WITHOUT
WRITTEN PERMISSION IS
PROHIBITED.

DRFT

NF

APVD

P.J.

DATE

11/13/15

SCALE

1=2.7

UNIT OF MEASUREMENT

MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

TURCK

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

DESCRIPTION

8MB12Z-5P3-*MS 3111M-14-19P

IDENTIFICATION NO.

FILE: 777036697

REV

C

SHEET 1 OF 1

C	UPDATE RATED CURRENT	RDS	10/09/18	67134
REV	DESCRIPTION	BY	DATE	ECO NO.