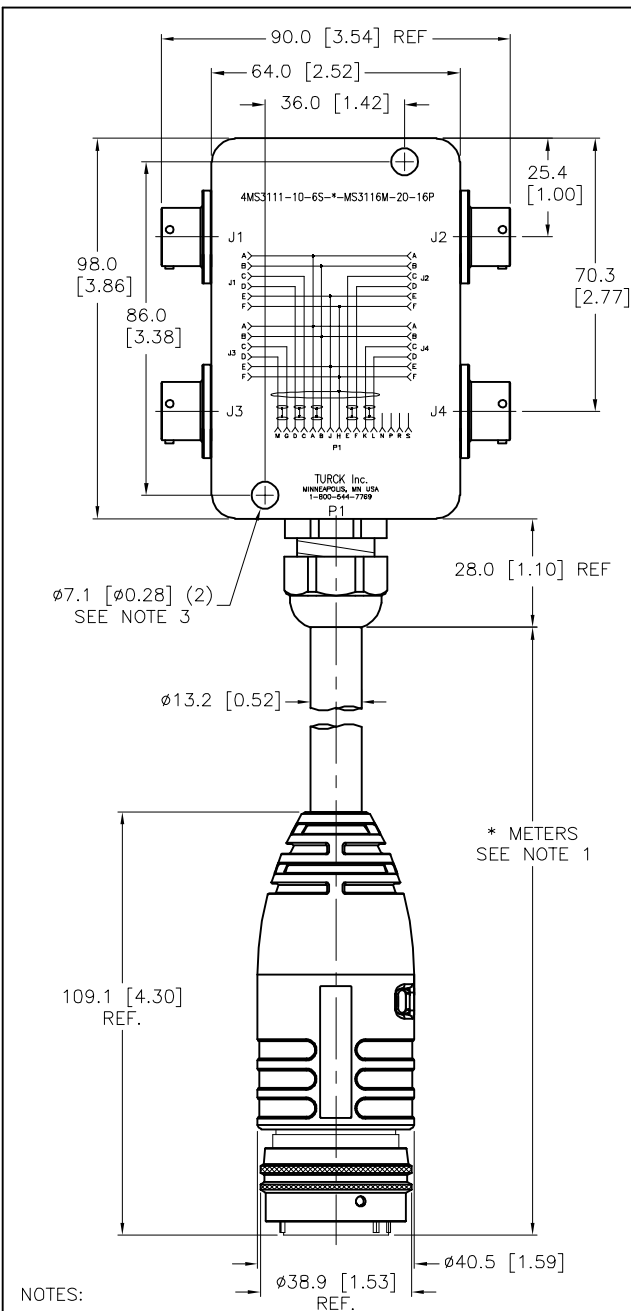
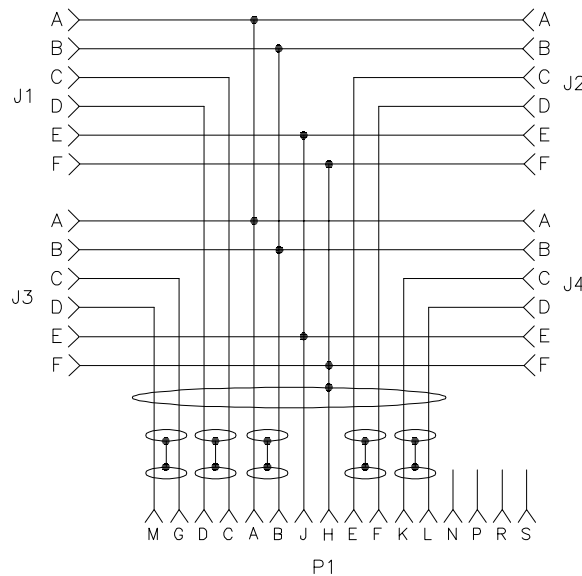




- NOTES:
- "*" DESIGNATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.
 - BOX HEIGHT IS 1.36 [34.5] NOMINAL.
 - CLEARANCE HOLE FOR 1/4-20 MOUNTING SCREWS (NOT INCLUDED).
 - KEYWAY ORIENTATION FOR J1-J4 MAY VARY AND IS NOT CRITICAL.

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

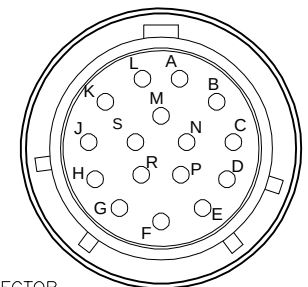
* UNLESS OTHERWISE SPECIFIED



SPECIFICATIONS

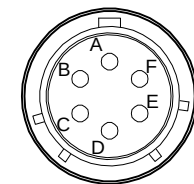
CABLE JACKET/COLOR	PVC/BLACK
NUMBER OF CONDUCTORS [AWG]	10x18 AWG, 1x18 AWG GROUND
CONDUCTOR ARRANGEMENT	5 SHIELDED TWISTED PAIRS w/DRAIN, 1 GND, 1 DRAIN
DRAIN/SHIELD	6x20 AWG DRAINS/ALUMINUM MYLAR SHIELD
HOUSING MATERIAL	ALUMINUM ALLOY
HOUSING FINISH/COLOR	EPOXY/BLACK
CONTACT CARRIERS	NEOPRENE
CONTACTS	COPPER ALLOY/GOLD
OPERATING VOLTAGE	300 V
OPERATING CURRENT	5.6 A PER PORT, 7.5 A TOTAL
PROTECTION CLASS to DIN 40050	IP 67 - ONLY WHEN ALL RECEPTACLES ARE COVERED WITH PLUGS OR CONNECTED
OPERATING TEMPERATURE	-40°C to 90°C (-40°F to 194°F)

MALE END VIEW



CONNECTOR
TYPE/STYLE/CLASS - MS 3116M
SHELL SIZE - 20
INSERT ARRANGEMENT - 16P

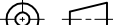
FEMALE END VIEW



A = +V
B = -V
C = + SIGNAL
D = - SIGNAL
E = GROUND
F = DRAIN

CONNECTOR
TYPE/STYLE - MS 3111M
SHELL SIZE - 10
INSERT ARRANGEMENT - 6S

SOURCE DRAWING - FOR REFERENCE ONLY

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.		 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us			
	MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT	NF	DATE	03/09/15	DESCRIPTION 4MS3111-10-6S-*MS3116M-20-16P
	SEE SPECIFICATIONS		APVD	J.B.	SCALE	1=2.0	
FINISH	CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT MILLIMETER [INCH]			IDENTIFICATION NO.	REV C
SEE SPECIFICATIONS		DO NOT SCALE THIS DRAWING			FILE: 777034840		

C	UPDATE DESCRIPTION	RDS	01/07/22	77354
REV	DESCRIPTION	BY	DATE	ECO. NO.