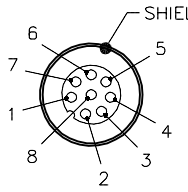
MALE END VIEW (P1)



1 = WHITE/BLUE
2 = WHITE/BROWN
3 = BROWN
4 = ORANGE (−TX)
5 = WHITE/GREEN (+RX)
6 = WHITE/ORANGE (+TX)
7 = BLUE
8 = GREEN (−RX)

euro fast. Ethernet

RJ45S END VIEW (P2)



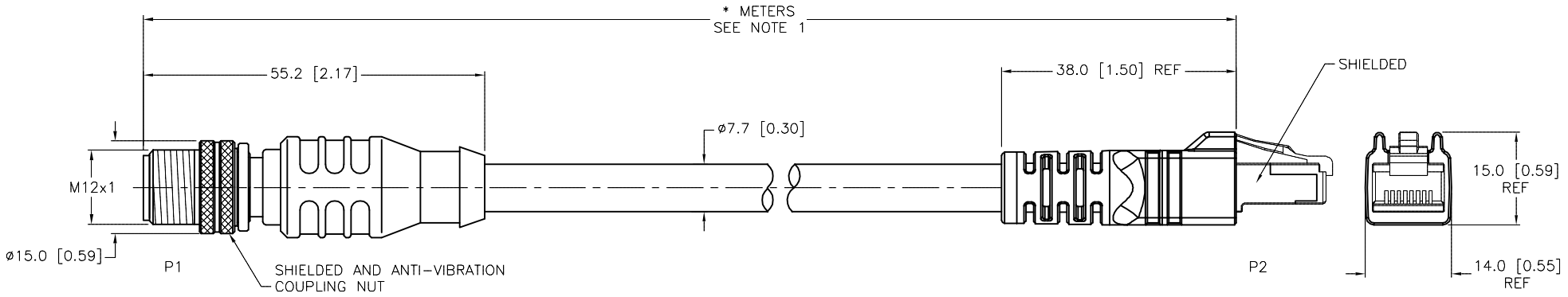
12345678

1 = WHITE/ORANGE (+TX)
2 = ORANGE (−TX)
3 = WHITE/GREEN (+RX)
4 = BLUE
5 = WHITE/BLUE
6 = GREEN (−RX)
7 = WHITE/BROWN
8 = BROWN

Ethernet

SPECIFICATIONS

CONTACT CARRIER MATERIAL/COLOR (P1)	NYLON OR TPU/BLACK
MOLDED HEAD MATERIAL/COLOR (P1)	TPU/BLACK
CONTACT MATERIAL/PLATING (P1)	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING (P1)	BRASS/NICKEL
CONTACT CARRIER MATERIAL/COLOR (P2)	POLYCARBONATE/CLEAR
MOLDED HEAD MATERIAL/COLOR (P2)	TPU/BLACK
CONTACT MATERIAL/PLATING (P2)	BRONZE/GOLD
RATED CURRENT [A]	1.5 A
RATED VOLTAGE [V]	42 V
OUTER CABLE JACKET MATERIAL/COLOR	TPE/BLACK
CONDUCTOR INSULATION MATERIAL	HDPE
NUMBER OF CONDUCTORS [AWG]	8x24 AWG, STRANDED, CAT 5e
SHIELDING	ALUM/POLYESTER FOIL, TINNED-COPPER BRAID
TEMPERATURE RANGE	−40°C to +75°C (−40°F to +167°F)
PROTECTION CLASS (RSS)	MEETS IEC IP67 (IP20: RJ45)



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 LENGTHS.

REV	DESCRIPTION	BY	DATE	ECO NO.
C	UPDATE CABLE SPECIFICATIONS PER ECO	KMY	06/06/14	43623

RELATED DOCUMENTS
1.
2.
3.
4.

MATERIAL

FINISH

3RD ANGLE PROJECTION

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

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DRFT RDS | DATE 05/28/10
APVD | SCALE 1=1.0

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

TURCK
3000 CAMPUS DRIVE
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(763) 553−7300
(763) 553−0708 fax
www.turck.us

DESCRIPTION
RSS RJ45S 841BK−*M

IDENTIFICATION NO.

REV C

FILE: 777026332 | SHEET 1 OF 1