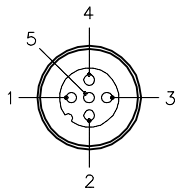
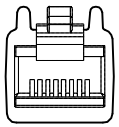
MALE END VIEW



1 = GREEN (SHIELD)
2 = BROWN (+ VOLTAGE)
3 = WHITE/GREEN (– VOLTAGE)
WHITE/BROWN (– VOLTAGE)
4 = (WHITE/ORANGE CAN_H)
5 = ORANGE (CAN_L)

euro fast. CANopen

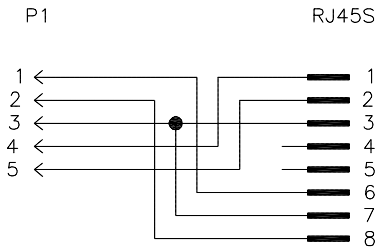
RJ45S END VIEW



12345678

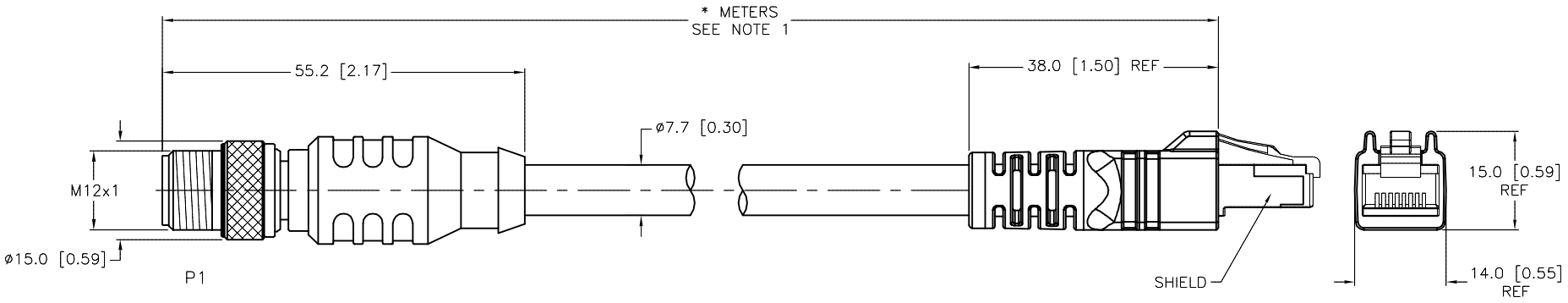
1 = WHITE/ORANGE (CAN_H)
2 = ORANGE (CAN_L)
3 = WHITE/GREEN (CAN_GND)
4 = N/C
5 = N/C
6 = GREEN (CAN_SHLD)
7 = WHITE/BROWN (CAN_GND)
8 = BROWN (CAN_V+)

WIRING DIAGRAM



SPECIFICATIONS

CONTACT CARRIER MATERIAL (P1)	TPU OR NYLON
MOLDED HEAD MATERIAL/COLOR (P1)	TPU/BLUE–GRAY
CONTACT MATERIAL/PLATING (P1)	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING (P1)	BRASS/NICKEL
CONTACT CARRIER MATERIAL/COLOR (RJ45S)	POLYCARBONATE/CLEAR
MOLDED HEAD MATERIAL/COLOR (RJ45S)	TPU/BLUE–GRAY
CONTACT MATERIAL/PLATING (RJ45S)	BRONZE/GOLD
RATED CURRENT [A]	1.5 A
RATED VOLTAGE [V]	42 V
OUTER CABLE JACKET MATERIAL/COLOR	TPE/TEAL
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 +80°C (–40°F to +176°F)
PROTECTION CLASS (P1)	MEETS NEMA 1,3,4,6P AND IEC IP68 (RJ45:IP20)



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.
D	UPDATE CABLE SPECIFICATIONS	RDS	03/15/13	40289

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: RWC | DATE: 09/30/09
APVD: | SCALE: 1=1.0

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

DESCRIPTION: RSC RJ45S 5733–*M

IDENTIFICATION NO.:

REV: D

FILE: 777025954

SHEET 1 OF 1

Approved 04/02/2013, work order #39057 by A.A.