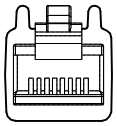
## RJ45S END VIEW (P1)

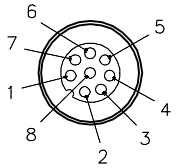


12345678

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

## MALE END VIEW (P2)

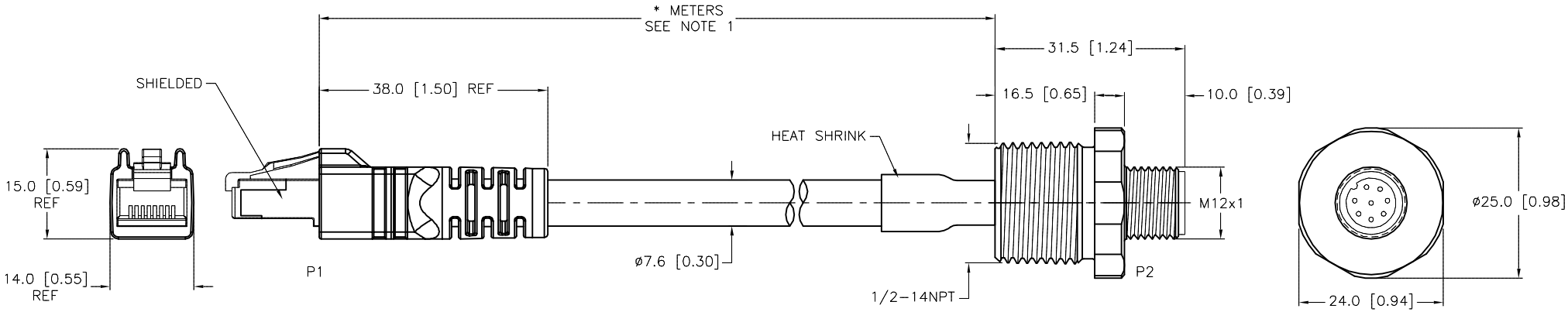



1 = WHITE/BLUE
2 = WHITE/BROWN
3 = BROWN
4 = ORANGE (−TX)
5 = WHITE/GREEN (+RX)
6 = WHITE/ORANGE (+TX)
7 = BLUE
8 = GREEN (−RX)

euro fast. Ethernet

## SPECIFICATIONS

| | |
|---|---|
| CONTACT CARRIER MATERIAL (P2) | NYLON OR TPU |
| CONTACT MATERIAL/PLATING (P2) | BRASS/GOLD |
| HOUSING MATERIAL/FINISH (P2) | STAINLESS STEEL/PASSIVATED |
| CONTACT CARRIER MATERIAL/COLOR (P1) | POLYCARBONATE/CLEAR |
| MOLDED HEAD MATERIAL/COLOR (P1) | TPU/BLACK |
| CONTACT MATERIAL/PLATING (P1) | 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] | 4UTPx24 AWG, STRANDED |
| TEMPERATURE RANGE | −40°C to +80°C (−40°F to +176°F) |
| PROTECTION CLASS | MEETS NEMA 1,3,4,6P AND IEC IP68 (RJ45:IP20) |




## "840/8460" RAW CABLE SPECIFICATIONS

| | |
|---|---|
| CABLE PROPERTIES: | OIL, UV, WELD SLAG, AND ABRASION RESISTANT |
| VOLTAGE RATINGS (MAX): | 600V |
| CATEGORY: | CAT 5e; (CABLE WILL MEET CAT 5e CHANNEL REQUIREMENTS TO 90M LENGTH) |
| POE COMPLIANT (802.3af): | UP TO 80M LENGTH WHEN INSTALLED PER RECOMMENDATIONS IN TIA TSB−184 |
| FLEXLIFE: | 10X CABLE OD MIN: 1 MILLION CYCLES (TICK TOCK) |
| | 20X CABLE OD MIN: 10 MILLION CYCLES (TICK TOCK) |
| | TORSION TEST: 3 MILLION CYCLES (1lb LOAD, 360°−71 CYCLES/min) |
| APPROVALS: | C(UL)US CMX−OUTDOOR−CM LISTED, AWM RECOGNIZED |
| | COMPLIANT WITH NEC ARTICLE 800 COMMUNICATIONS CABLES |

| CABLE LENGTH | TOLERANCE * |
|---|---|
| ALL LENGTHS | + 4% (OR 50mm) OF LENGTH<br>− 0% (OR 0mm) OF LENGTH<br>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. |
|---|---|---|---|---|
| B | UPDATE P2 PINOUT | NF | 01/26/16 | 53210 |

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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TURCK INC
High Technology Sensors and Automation Controls
3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1−800−544−7769
(763) 553−7300
(763) 553−0708 fax
turck.com

MATERIAL

FINISH

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CONTACT TURCK FOR MORE INFORMATION

DRFT NF | DATE 11/23/15
APVD L.H. | SCALE 1=1.0

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

DESCRIPTION
RJ45S FSV 841−*M/14.5/NPT

IDENTIFICATION NO.

REV B

FILE: 777036640

SHEET 1 OF 1

Approved 01/27/2016, work order #96540 by C.K.