RJ45 END VIEW

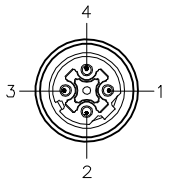


12345678

PAIR 1 = WHITE/ORANGE (+TX)
PAIR 2 = ORANGE (−TX)
PAIR 3 = WHITE/GREEN (+RX)
PAIR 4 = N/C
PAIR 5 = N/C
PAIR 6 = GREEN (−RX)
7 = N/C
8 = N/C

Ethernet

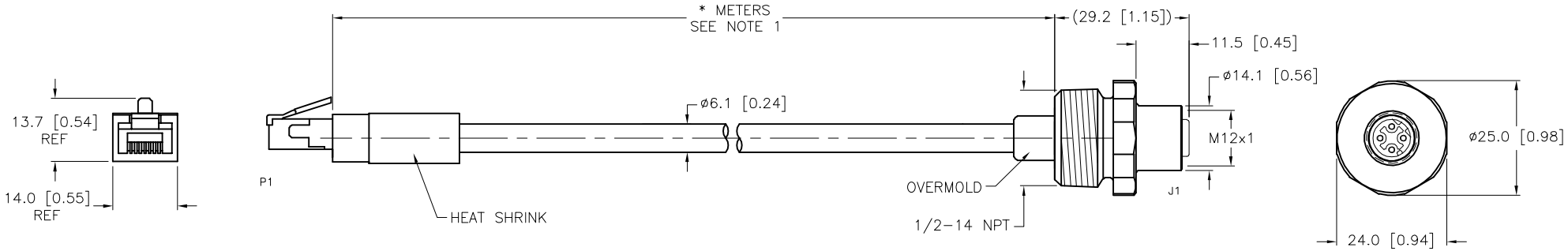
FEMALE END VIEW



PAIR 1 = WHITE/ORANGE (+TX)
PAIR 2 = WHITE/GREEN (+RX)
PAIR 3 = ORANGE (−TX)
PAIR 4 = GREEN (−RX)

euro fast. Ethernet

SPECIFICATIONS	
CONTACT CARRIER MATERIAL (P1)	POLYCARBONATE
CONTACT CARRIER MATERIAL (J1)	NYLON or TPU
MOLDED HEAD MATERIAL/COLOR (J1)	TPU/BLACK
CONTACT MATERIAL/PLATING (J1)	BRASS/GOLD
HOUSING MATERIAL/FINISH (J1)	STAINLESS STEEL/PASSIVATED
RATED CURRENT [A]	1.5 A
RATED VOLTAGE [V]	30 VAC/42 VDC
OUTER JACKET MATERIAL/COLOR	TPE/TEAL
CONDUCTOR INSULATION MATERIAL	HDPE
NUMBER OF CONDUCTORS [AWG]	2UTPx24 AWG, STRANDED
TEMPERATURE RATING	−40°C to +75°C (−40°F to +167°F)
PROTECTION CLASS	MEETS NEMA 1,3,4,6P AND IEC IP68 (IP20:P1)
CONDUCTOR ARRANGEMENT	2x UNSHIELDED TWISTED PAIRS



"440" 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 85M LENGTH)
POE COMPLIANT (802.3af):	UP TO 85M 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 − 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. "*" DESIGNATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

2. "/C1156" DESIGNATES HEAT SHRINK OVER THE RJ45 CONNECTOR (NO OVERMOLD).

REV	DESCRIPTION	BY	DATE	ECO NO.
A	DRAWING RELEASE	NF	04/14/15	

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: NF | DATE: 02/13/15
APVD: T.B. | SCALE: 1=1.3

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

DESCRIPTION: RJ45 FKDV 440−*M/14.5/NPT/C1156

IDENTIFICATION NO.:

REV: A

FILE: 777035030

SHEET 1 OF 1