RJ45 END VIEW

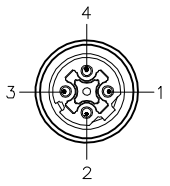


12345678

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

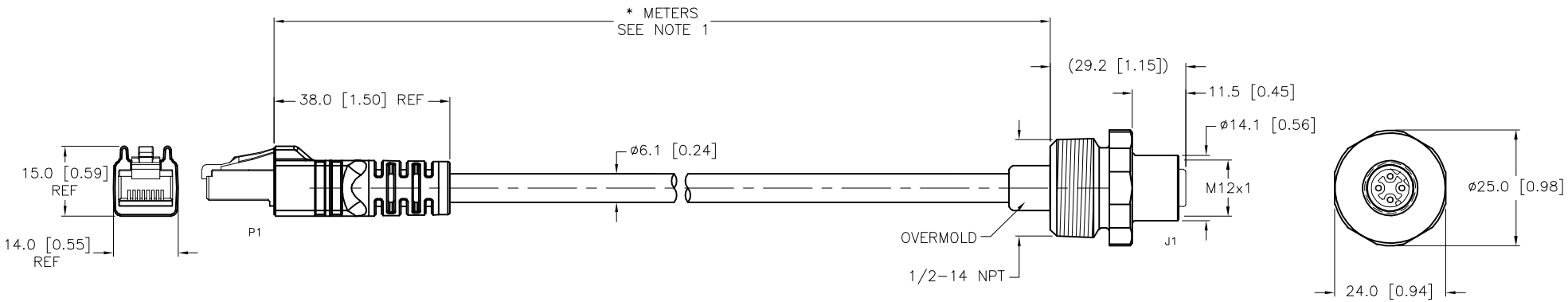
FEMALE END VIEW



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	TPU/BLACK
CONTACT MATERIAL/PLATING (J1)	BRASS/GOLD
HOUSING, LOCKNUT 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



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	

"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

SOURCE DRAWING − FOR REFERENCE ONLY

NOTES:

1. "*" DESIGNATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

REV	DESCRIPTION	BY	DATE	ECO NO.
B	ADD CABLE SPECIFICATIONS BLOCK	KMY	07/29/14	46541

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.

TURCK
3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1−800−544−7769
(763) 553−7300
(763) 553−0708 fax
www.turck.us

MATERIAL: SEE SPECIFICATIONS
FINISH: SEE SPECIFICATIONS

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT: KMY | DATE: 11/12/13
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
IDENTIFICATION NO.:
REV: B
FILE: 777032557
SHEET 1 OF 1