

FEMALE END VIEW

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

ETHERNET

TYPICAL PANEL CUTOUT

SPECIFICATIONS

CONTACT CARRIER MATERIAL	NYLON OR TPU
MOLDED HEAD MATERIAL/COLOR	TPU/BLACK
CONTACT MATERIAL/PLATING	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL
RATED CURRENT [A]	2.0 A
RATED VOLTAGE [V]	60 V
OUTER CABLE JACKET MATERIAL/COLOR	TPE/TEAL
CONDUCTOR INSULATION MATERIAL	HDPE
NUMBER OF CONDUCTORS [AWG]	4UTPx24 AWG, STRANDED
SHIELD	ALUM.-POLYESTER FOIL, TINNED-COPPER BRAIDED
TEMPERATURE RANGE	-40°C to +80°C (-40°F to +176°F)
PROTECTION CLASS	IP67
MAX. PANEL THICKNESS	5.5mm [0.216"]

* METERS
SEE NOTE 1

M12x1

PG 9

"841" 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 LENGTHTOLERANCE*

ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
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STRIP LENGTHTOLERANCE*

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

NOTES:

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

RELATED DOCUMENTS

3RD ANGLE PROJECTION

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1.
2.
3.
4.

MATERIAL

FINISH

DRFT
APVD

RDS

DATE 02/10/04

SCALE 1=1.0

UNIT OF MEASUREMENT
MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

DESCRIPTION
FKSDE 841-*M

IDENTIFICATION NO.

REV
N

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

N	ADD SHIELD	NF	01/16/19	68154
REV	DESCRIPTION	BY	DATE	ECO NO.

FILE: 777006350	SHEET 1 OF 1
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