

MALE PIN-OUT

M16 connector

T = PINK
J = GREY
S = YELLOW
G = GREEN
R = WHITE
U = BLUE
M = BROWN
P = RED
E = BLACK
O = VIOLET
C = ORANGE
N = TAN
A = DRAIN

CONNECTORS (J1-J10)

Pico Fast

WIRING DIAGRAM

SPECIFICATIONS

CONTACT CARRIER MATERIAL	TPU
MOLDED HEAD MATERIAL (BSMK)	TPU/YELLOW
CONTACT MATERIAL/PLATING	BRASS/GOLD
HOUSING MATERIAL/COLOR	PA 6 NYLON/BLACK
COUPLING NUT MATERIAL (BSMK)	POM
OPERATING CURRENT	2 AMPS PER PORT, 2 AMPS TOTAL
OPERATING VOLTAGE	48 V AC/DC
OUTER CABLE JACKET/COLOR	PVC/BLACK
NUMBER OF CONDUCTORS [AWG]	12x24 AWG, FOIL SHIELD, 26 AWG DRAIN
PROTECTION CLASS to DIN 40050	IP 67 – ONLY WHEN ALL RECEPTACLES ARE COVERED WITH PLUGS OR CONNECTED
OPERATING TEMPERATURE	-30°C to +80°C (-22°F to +176°F)

MOUNTING SCREW
M3 SOCKET HEAD
12mm MINIMUM LENGTH
2 PLACES

* METERS
SEE NOTE 1

CLOSURE CAP
(2 INCLUDED)

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

RELATED DOCUMENTS

3RD ANGLE PROJECTION

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DRFT RDS
APVD JS

DATE 07/28/03
SCALE 1=1.3

UNIT OF MEASUREMENT
MILLIMETERS

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

DESCRIPTION
VB 1003--BSMK 14/S653

IDENTIFICATION NO.
FILE: 777002497

REV
H

NOTES:

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

2. "/S653" DESIGNATES DRAIN WIRE CONNECTED TO PIN A.

H	ADDED TOLERANCE CABLE	ER	04/26/18	162878
REV	DESCRIPTION	BY	DATE	ECO NO.