

MALE END VIEW

1 = WHITE
2 = GREEN/YELLOW
3 = BLUE
4 = RED
GND = GRAY (16 AWG)

M16 connector

LOCKNUT

26.8 [1.06]

M20x1.5

3.0 [0.12]

SPECIFICATIONS

CONTACT CARRIER MATERIAL	TPU
CONTACT MATERIAL/PLATING	BRASS/GOLD
HOUSING MATERIAL/FINISH	316 STAINLESS STEEL/PASSIVATED
O-RING MATERIAL	NITRILE
RATED CURRENT [A]	15.0 A
RATED VOLTAGE [V]	600 V
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	4x14 AWG, 1x16 AWG
TEMPERATURE RANGE	-40°C to +105°C (-40°F to +221°F)
PROTECTION CLASS	MEETS IEC IP67
PANEL THICKNESS	MIN: 3.2mm [0.13"], MAX: 5.3mm [0.21"]

25.4 [1.00]

11.5 [0.45]

25.5 [1.00]

9.5 [0.37]

M20x1.5

M16x0.75

LOCKNUT

O-RING

7.0 [0.28]

* METERS
SEE NOTE 1

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

CAUTION:
RISK OF ELECTRICAL SHOCK
DO NOT DISCONNECT UNDER LOAD

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

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

2. "/S1212" DESIGNATES AUSTRALIAN POWER COLOR CODE CONVENTION.

3. "/S1272" DESIGNATES RECEPTACLE WITH GROUNDING WIRE CONNECTED TO RECEPTACLE HOUSING.

A	DRAWING RELEASE	RDS	02/08/16	
REV	DESCRIPTION	BY	DATE	ECO NO.

RELATED DOCUMENTS

1.

2.

3.

4.

MATERIAL

SEE SPECIFICATION

FINISH

SEE SPECIFICATION

3RD ANGLE PROJECTION

ALL DIMENSIONS
DISPLAYED ON THIS
DRAWING ARE FOR
REFERENCE ONLY

CONTACT TURCK
FOR MORE
INFORMATION

THIS DRAWING IS
CONFIDENTIAL AND THE
PROPERTY OF TURCK
INC. USE OF THIS
DOCUMENT WITHOUT
WRITTEN PERMISSION IS
PROHIBITED.

DRFT TMS

APVD J.B.

UNIT OF MEASUREMENT

MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

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

DATE 09/14/15

SCALE 1=1.0

DESCRIPTION

BSFV 44-*/M20/S1212/S1272

IDENTIFICATION NO.

REV

A

FILE: 777034465

SHEET 1 OF 1