

VALVE END VIEW

WIRING DIAGRAM

P1

BLK ← 1

BLU ← 2

BRN ← GND

← GND

WHT ← 1

← 2

← GND

← GND

J1

J2

SPECIFICATIONS

CONTACT CARRIER MATERIAL	NYLON
CONTACT MATERIAL/PLATING	BRASS/SILVER
MOLDED HEAD MATERIAL/COLOR	TPU/TRANSLUCENT BLACK (J1,J2) YELLOW (VB2)
RATED CURRENT [A]	4.0 A
RATED VOLTAGE [V]	0-220 VAC/VDC
OUTER JACKET MATERIAL/COLOR	PVC/GRAY
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	4x22 AWG (P1), 3x22 AWG (J1,J2)
TEMPERATURE RANGE	-40°C to +105°C (-40°F to +221°F)
PROTECTION CLASS	MEETS NEMA 1,3,4,6P AND IEC IP67

"*" METERS (a)
SEE NOTE 1

23.0 [0.91]

13.0 [0.51]

7.0 [0.28]

50.0 [1.97]

P1

5.3 [0.21]

25.0 [0.98]

8.0 [0.31] TYP

4.5 [0.18] TYP

"*" METERS (b)
SEE NOTE 1

26.5 [1.04]

27.4 [1.08]

12.4 [0.49]

18.0 [0.71]

38.0 [1.50]

J1

45.0 [1.77]

26.9 [1.06]

M3x0.5 FASTENER

"*" METERS (c)
SEE NOTE 1

NOTES:

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

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

1.
2.
3.
4.

MATERIAL
SEE SPECIFICATIONS

FINISH
SEE SPECIFICATIONS

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 RDS
APVD T.S.

DATE 05/12/14
SCALE 1=1.5

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

DESCRIPTION
VB2-*/2VAS 22-A2081-*/*
(a) (b)(c)

IDENTIFICATION NO.

REV
A

A	DRAWING RELEASE	RDS	05/12/14	
REV	DESCRIPTION	BY	DATE	ECO. NO.

FILE: 777033044

SHEET 1 OF 1