

VALVE END VIEW

WIRING DIAGRAM

P1 BLACK

BLUE

BROWN

WHITE

1

2

GND (GN/YE)

1

2

GND (GN/YE)

J1

J2

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]	24-48 VAC/VDC
OUTER JACKET MATERIAL/COLOR	TPU/GRAY
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	4x22 AWG (P1), 3x18 AWG (J1,J2)
TEMPERATURE RANGE	-40°C to +90°C (-40°F to +194°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]

38.0 [1.50]

18.0 [0.71]

25.0 [0.98]

ø8.0 [0.31] TYP

ø4.5 [0.18] TYP

ø5.3 [0.21]

7.0 [0.28]

50.0 [1.97]

P1

"*" METERS (b)
SEE NOTE 1

26.5 [1.04]

27.4 [1.08]

ø6.4 [0.25]

12.4 [0.49]

J1

LABEL SLOT

LED AREA

"*" METERS (c)
SEE NOTE 1

45.0 [1.77]

26.9 [1.06]

ø6.4 [0.25]

J2

M3x0.5 FASTENER

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

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:
1. "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.
2. "/S90" DESIGNATES THERMOPLASTIC POLYURETHANE (TPU) CABLE JACKET.

B	UPDATE VALVE PLUG BODIES	RDS	07/17/13	42799
REV	DESCRIPTION	BY	DATE	ECO NO.

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION

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DRFT RDS
APVD C.K.

DATE 11/20/12
SCALE 1=1.3

UNIT OF MEASUREMENT
MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

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DESCRIPTION

VB2-* / 2VAS 22-B669-* / * / S90
(a) (b) (c)

IDENTIFICATION NO.

FILE: 777030797

REV

B

SHEET 1 OF 1