

MALE END VIEW

1 = N/C
2 = GREEN (BUS_A)
3 = N/C
4 = RED (BUS_B)
5 = BARE (SHIELD)

MALE END VIEW

1=N/C 6=N/C
2=N/C 7=N/C
3=BUS_B(RD) 8=BUS_A(GN)
4=N/C 9=N/C
5=N/C

WIRING DIAGRAM

2 ← → 8
P1 4 ← → 3 P2
5 ← → CONN. SHELL

SPECIFICATIONS

| | |
|--|---|
| CONTACT CARRIER MATERIAL | NYLON or TPU |
| MOLDED HEAD MATERIAL/COLOR | TPU/BLACK |
| CONTACT MATERIAL/PLATING | BRASS/GOLD |
| COUPLING NUT MATERIAL/PLATING | BRASS/NICKEL |
| OUTER JACKET MATERIAL/COLOR | TPU/VIOLET |
| CONDUCTOR INSULATION MATERIAL | POLYETHYLENE |
| NUMBER OF CONDUCTORS [AWG] | 2x22 AWG (SHIELDED DATA PAIR WITH DRAIN WIRE) |
| TEMPERATURE RANGE (D9S) | 0°C to +60°C (+32°F to +140°F) |
| PROTECTION CLASS | MEETS IEC IP67 (IP20 (D9S)) |
| INCLUDES PROFIBUS TERMINATING RESISTOR | YES |

* METERS
SEE NOTE 1

55.2 [2.17]

66.7 [2.63]

34.0 [1.34]

8.5 [0.33]

P1

P2

SHIELDED AND ANTI-VIBRATION COUPLING NUT

| 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 |

NOTES:

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

RELATED DOCUMENTS

3RD ANGLE PROJECTION

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

DATE 02/03/99

SCALE 1=1.0

UNIT OF MEASUREMENT

MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

DESCRIPTION

RSSW SD9S/T 455-*M

IDENTIFICATION NO.

REV H

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

| | | | | |
|-----|----------------------------------|----|----------|---------|
| H | REMOVE RATED CURRENT AND VOLTAGE | CK | 05/02/11 | 34896 |
| REV | DESCRIPTION | BY | DATE | ECO NO. |