

FEMALE END VIEW

1 = BROWN  
2 = WHITE  
3 = BLUE  
4 = BLACK

WIRING DIAGRAM

1 = + VOLTAGE (GREEN LED)  
2 = OUTPUT  
3 = COMMON  
4 = LOAD (YELLOW LED)

SPECIFICATIONS

|                               |                                   |
|-------------------------------|-----------------------------------|
| CONTACT CARRIER MATERIAL      | TPU or NYLON                      |
| MOLDED HEAD MATERIAL/COLOR    | TPU/CLEAR                         |
| CONTACT MATERIAL/PLATING      | BRASS/GOLD                        |
| COUPLING NUT MATERIAL/PLATING | BRASS/NICKEL                      |
| RATED CURRENT [A]             | 4.0 A                             |
| RATED VOLTAGE [V]             | 10–30 VDC                         |
| OUTER JACKET MATERIAL/COLOR   | PVC/YELLOW                        |
| CONDUCTOR INSULATION MATERIAL | PVC                               |
| NUMBER OF CONDUCTORS [AWG]    | 4x22 AWG                          |
| TEMPERATURE RANGE             | –40°C to +105°C (–40°F to +221°F) |
| PROTECTION CLASS              | MEETS NEMA 1,3,4,6P AND IEC IP68  |

POWER (GREEN)  
OUTPUT (YELLOW)

ANTI-VIBRATION DETENT  
J1

29.5 [1.16]  
20.9 [0.82]  
ø15.0 [0.59]  
M12x1

44.5 [1.75]  
37.0 [1.46]

ø5.3 [0.21]

50.0 [1.97]  
7.0 [0.28]

| CABLE LENGTH | TOLERANCE*                                                                  |
|--------------|-----------------------------------------------------------------------------|
| ALL LENGTHS  | + 4% (OR 50mm) OF LENGTH<br>– 0% (OR 0mm) OF LENGTH<br>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

NOTES:

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

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

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DRFT KMY

APVD J.S.

DATE 03/01/13

SCALE 1=1.0

UNIT OF MEASUREMENT

MILLIMETER [ INCH ]

DO NOT SCALE THIS DRAWING

DESCRIPTION

WK 4.43T–\*–N7X2

IDENTIFICATION NO.

FILE: 777008620

REV

B

SHEET 1 OF 1

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