

FEMALE END VIEW

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

WIRING DIAGRAM

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

| SPECIFICATIONS                |                                   |
|-------------------------------|-----------------------------------|
| CONTACT CARRIER MATERIAL      | NYLON OR TPU                      |
| MOLDED HEAD MATERIAL/COLOR    | TPU/CLEAR                         |
| CONTACT MATERIAL/PLATING      | BRASS/GOLD                        |
| COUPLING NUT MATERIAL/PLATING | BRASS/NICKEL                      |
| RATED CURRENT [A]             | 4.0 A LOAD CURRENT                |
| RATED VOLTAGE [V]             | 10-30 VDC                         |
| OUTER JACKET MATERIAL/COLOR   | PVC/GRAY                          |
| 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)

44.5 [1.75]  
37.0 [1.46]  
29.0 [1.14]  
21.0 [0.83]  
ANTI-VIBRATION DETENT  
J1  
M12x1  
Ø15.0 [0.59]

\* METERS  
SEE NOTE 1

Ø5.3 [0.21]  
46.0 [1.81]  
Ø15.0 [0.59]  
M12x1  
4x LED'S  
J2

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

RELATED DOCUMENTS

1.  
2.  
3.  
4.

3RD ANGLE PROJECTION

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DRFT RWC  
APVD

DATE 12/31/08  
SCALE 1=1.0

UNIT OF MEASUREMENT  
MILLIMETER [ INCH ]

DO NOT SCALE THIS DRAWING

3000 CAMPUS DRIVE  
MINNEAPOLIS, MN 55441  
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**TURCK**

DESCRIPTION  
WK 4.4T-\* -P7X2-RKE 4.4T-P7X2

IDENTIFICATION NO.  
REV  
H

| H   | UPDATE LED REPRESENTATION | RDS | 03/21/18 | 64732   |
|-----|---------------------------|-----|----------|---------|
| REV | DESCRIPTION               | BY  | DATE     | ECO NO. |
|     |                           |     |          |         |

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