

FEMALE END VIEW

1 = BROWN  
2 = N/C  
3 = BLUE  
4 = BLACK

WIRING DIAGRAM

1 = VOLTAGE (+) (GREEN)  
2 = N/C  
3 = COMMON (-)  
4 = OUTPUT (YELLOW)

SPECIFICATIONS

CONTACT CARRIER MATERIAL	TPU
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/GRAY
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	3x22 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]  
29.5 [1.16]  
20.9 [0.82]  
15.0 [0.59]  
M12x1  
ANTI-VIBRATION DETENT

1  
2  
3  
4

\* METERS  
SEE NOTE 1

50.0 [1.97]  
7.0 [0.28]

44.5 [1.75]  
37.0 [1.46]  
29.5 [1.16]  
20.9 [0.82]  
15.0 [0.59]  
M12x1

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

5.1 [0.20]

NOTES:

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

RELATED DOCUMENTS

1.  
2.  
3.  
4.

3RD ANGLE PROJECTION

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DRFT CBM  
APVD

DATE 10/09/00  
SCALE 1=1.0

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  
WK 4T--N7X2

IDENTIFICATION NO.  
FILE: 777000700

REV  
K

SHEET 1 OF 1

UPDATE LED REPRESENTATION

NF 04/13/18 65060

DESCRIPTION

BY DATE ECO NO.