

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 (J1), YELLOW (J2)
CONTACT MATERIAL/PLATING	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL
RATED CURRENT [A]	4.0 A LOAD CURRENT/8 mA MAX OPERATING CURRENT AT 30 VDC SUPPLY VOLTAGE
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)

44.5 [1.75]

37.0 [1.46]

29.0 [1.14]

20.5 [0.81]

ø15.0 [0.59]

M12x1

J1

ø5.3 [0.21]

* METERS
SEE NOTE 1

42.5 [1.67]

ø14.5 [0.57]

M12x1

J2

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

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

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DRFT RDS

DATE 11/09/07

APVD

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

TURCK

DESCRIPTION

WK 4.43T-*--P7X2-RK 4.43T

IDENTIFICATION NO.

REV

H

H	UPDATE RATED CURRENT	LV	09/02/22	77914
REV	DESCRIPTION	BY	DATE	ECO NO.

FILE:777020574

SHEET 1 OF 1