

MALE END VIEW

1 = BLACK (IN)
2 = WHITE (OUT)
3 = BROWN (+ AUX)
4 = RED (SC1)
5 = WHITE/RED (SC1c)
6 = ORANGE (SC2)
7 = WHITE/ORANGE (SC2c)
8 = BLUE (- AUX)

FEMALE END VIEW

1 = BLACK (IN)
2 = WHITE (OUT)
3 = BROWN (+ AUX)
4 = RED (SC1)
5 = WHITE/RED (SC1c)
6 = ORANGE (SC2)
7 = WHITE/ORANGE (SC2c)
8 = BLUE (- AUX)

SPECIFICATIONS

CONTACT CARRIER MATERIAL/COLOR	NYLON OR TPU/BLACK
MOLDED HEAD MATERIAL/COLOR	TPU/RED
CONTACT MATERIAL/PLATING	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL
RATED CURRENT [A]	2.0 A
RATED VOLTAGE [V]	60 V
OUTER CABLE JACKET MATERIAL/COLOR	PVC/RED
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	8x24 AWG
TEMPERATURE RANGE	-40°C to +105°C (-40°F to +221°F)
PROTECTION CLASS	NEMA 1,3,4,6P AND IEC IP68, IP69K

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.	3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com		
1.		DRFT	RDS	DATE 10/06/03	DESCRIPTION RSC RKC E80-*M
2.		DSGN	SCALE 1=1.0		
3.	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT MILLIMETER [INCH]			IDENTIFICATION NO.
4.		DO NOT SCALE THIS DRAWING			
MATERIAL	CONTACT TURCK FOR MORE INFORMATION	FILE: 777006298			REV D
FINISH		SHEET 1 OF 1			