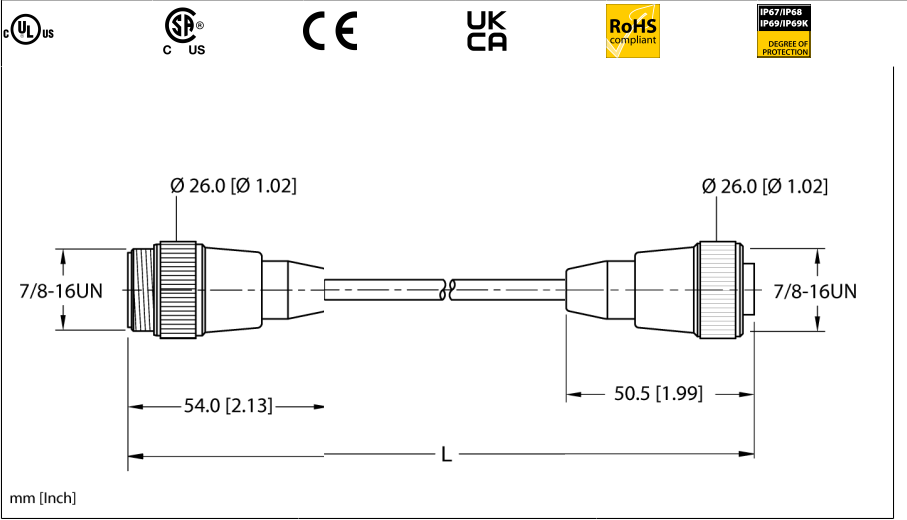


Actuator and Sensor Cable  
Extension Cable  
RSM RKM 50-2M/S101



|      |                    |
|------|--------------------|
| Type | RSM RKM 50-2M/S101 |
| ID   | U2-07244           |

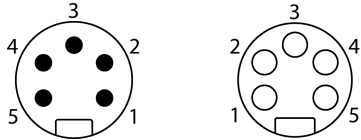
|                                 |                            |
|---------------------------------|----------------------------|
| Connector A                     | Male, 7/8"-16 UN, Straight |
| Number of contacts              | 5                          |
| Contact carriers                | Plastic, TPU, Yellow       |
| Connector body                  | Plastic, TPU, Yellow       |
| Coupling nut                    | Brass, CuZn, Nickel-plated |
| Tightening torque               | 2 Nm                       |
| Mechanical life                 | > 100 Mating cycles        |
| Pollution degree                | 3                          |
| Protection class (When coupled) | IP67, IP68, IP69, IP69K    |
|                                 | NEMA: 1, 3, 4, 6P, 12      |

|                                 |                              |
|---------------------------------|------------------------------|
| Connector B                     | Female, 7/8"-16 UN, Straight |
| Number of contacts              | 5                            |
| Contact carriers                | Plastic, TPU, Yellow         |
| Connector body                  | Plastic, TPU, Yellow         |
| Coupling nut                    | Brass, CuZn, Nickel-plated   |
| Tightening torque               | 2 Nm                         |
| Mechanical life                 | > 100 Mating cycles          |
| Pollution degree                | 3                            |
| Protection class (When coupled) | IP67, IP68, IP69, IP69K      |
|                                 | NEMA: 1, 3, 4, 6P, 12        |

|            |
|------------|
| Cable data |
|------------|



- 7/8" Male, Straight, 5-pin
- 7/8" Female, Straight, 5-pin
- Flexlife™ Cable
- Yellow TPE jacket, 5X18 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1
- Flexlife® and C-Track Approved



Circuit Diagram



|                               |                                                           |
|-------------------------------|-----------------------------------------------------------|
| Cable ID                      | RF51174                                                   |
| Total number of conductors    | 5                                                         |
| Cable diameter                | Ø 6.73mm                                                  |
| Length (L)                    | 2 m, (+50mm or 4% of length/-0.0, Whichever is greater) m |
| Cable jacket                  | TPE, Yellow                                               |
| Conductor diameter            | 0.066 "                                                   |
| Conductor material            | TC (tinned copper)                                        |
| Conductor insulation material | TPC-ET                                                    |
| Conductor size                | 5 x 18 AWG [Similar to 0.75 mm²]                          |
| Number of strands x O.D.      | 65 x 36AWG                                                |
| Conductor colors              | BK, BU, GN/YE, BN, WH                                     |

|                                 |      |
|---------------------------------|------|
| Electrical properties at +20 °C |      |
| Rated voltage                   | 600V |
| Current                         | 9AA  |

|                                     |                                                                                      |
|-------------------------------------|--------------------------------------------------------------------------------------|
| Mechanical and chemical properties  |                                                                                      |
| Bending radius (static)             | ≥ 5 x Ø                                                                              |
| Bending radius (dynamic)            | ≥ 10 x Ø                                                                             |
| Torsion rating                      | Max. 20 million                                                                      |
| UL cold bend rating                 | -40 °C                                                                               |
| Flex rating 10 x Ø                  | 20 million cycles                                                                    |
|                                     | *When properly installed @ 20°C, 50%RH, and a cycle speed of ≤0.5 cycles per second. |
| C-Track                             | Yes                                                                                  |
| Ambient temperature range (static)  | -40...+105°C                                                                         |
| Ambient temperature range (dynamic) | 5...+105°C                                                                           |
| Temperature range (installation)    | -10...+105 °C                                                                        |

|          |  |
|----------|--|
| Approval |  |
|----------|--|

|      |                                                                                                                                                                                      |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note |                                                                                                                                                                                      |
|      | - Flex ratings may be reduced if used in extreme temperatures, exposure to certain chemicals, operating above the rated cycle speed, or operating below the rated cable bend radius. |
|      | - We reserve the right to make technical alterations without prior notice.                                                                                                           |