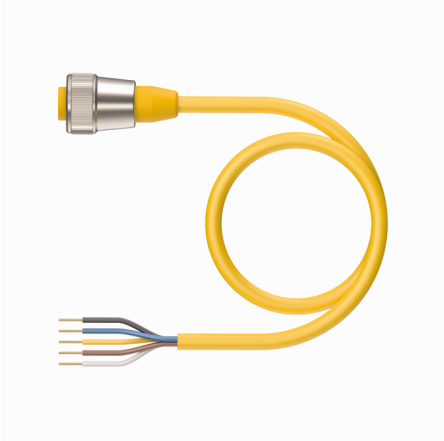
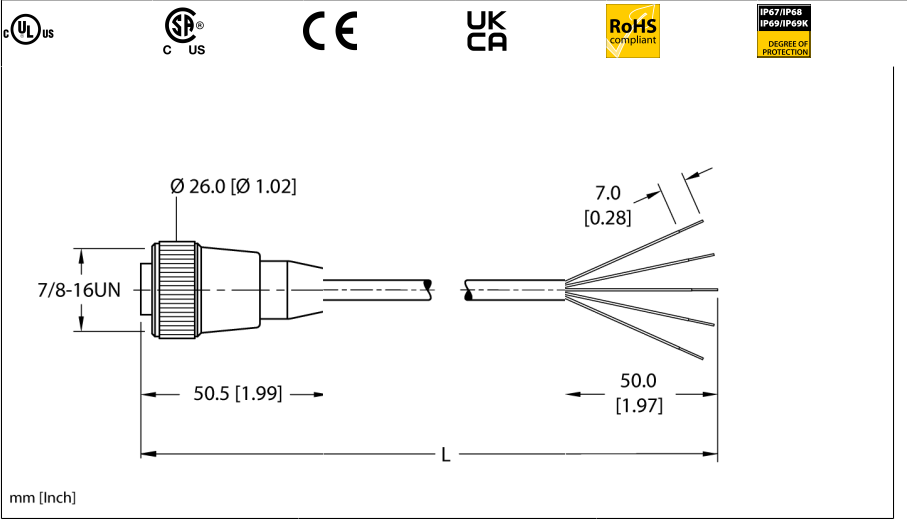


Actuator and Sensor Cordset  
Connection Cable  
RKM 50-xM/S1551



- 7/8" Female, Straight, 5-pin
- Instrumentation Tray Cable
- Yellow PVC jacket, 5X18 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4

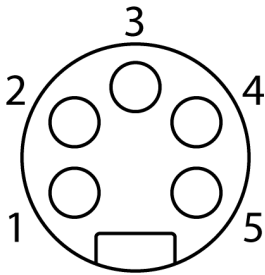
|      |                 |
|------|-----------------|
| Type | RKM 50-xM/S1551 |
| ID   | 777008051       |

|                                 |                              |
|---------------------------------|------------------------------|
| Connector A                     | 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   |
| Mechanical life                 | > 100 Mating cycles          |
| Pollution degree                | 3                            |
| Protection class (When coupled) | IP67, IP68, IP69, IP69K      |
|                                 | NEMA: 1, 3, 4, 6P, 12        |

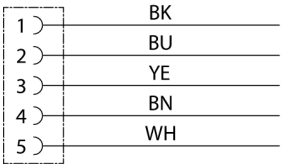
Cable data

|                               |                                  |
|-------------------------------|----------------------------------|
| Cable ID                      | RF50578                          |
| Total number of conductors    | 5                                |
| Cable diameter                | Ø 7.62mm                         |
| Cable jacket                  | PVC, Yellow                      |
| Conductor diameter            | 0.076 "                          |
| Conductor material            | TC (tinned copper)               |
| Conductor insulation material | PVC                              |
| Conductor size                | 5 x 18 AWG [Similar to 0.75 mm²] |
| Number of strands x O.D.      | 19 x 0.0092"                     |
| Conductor colors              | BK, BU, YE, BN, WH               |

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



Circuit Diagram



| Mechanical and chemical properties  |                              |
|-------------------------------------|------------------------------|
| Bending radius (static)             | $\geq 5 \times \varnothing$  |
| Bending radius (dynamic)            | $\geq 10 \times \varnothing$ |
| UL cold bend rating                 | -40 °C                       |
| Ambient temperature range (static)  | -40°C...+105°C °C            |
| Ambient temperature range (dynamic) | 5°C...+105°C °C              |
| Temperature range (installation)    | -10°C...+105°C °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.                                                                                                           |