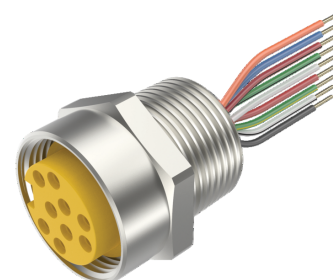
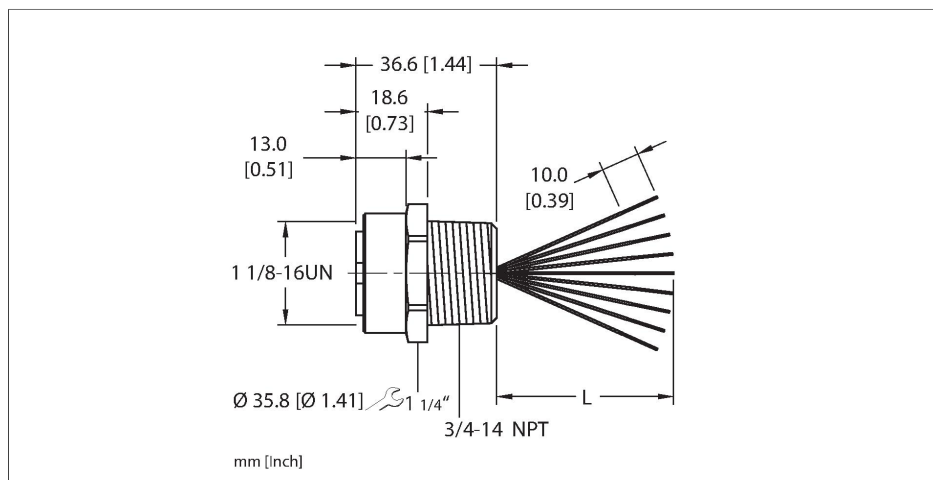


# RKF 96-xM/14.75/NPT

## Actuator and Sensor Receptacle – Front Mount



### Technische Daten

|                                 |                                                         |
|---------------------------------|---------------------------------------------------------|
| Type                            | RKF 96-xM/14.75/NPT                                     |
| ID                              | 777002183                                               |
| Connector A                     | Female, 1 1/8"-16 UN                                    |
| Number of contacts              | 9                                                       |
| Contacts                        | Brass, CuZn, Gold-plated                                |
| Contact carriers                | Plastic, TPU, Yellow                                    |
| Housing material/finish         | Brass, CuZn, Nickel-plated                              |
| Tightening torque (range)       | 0.8 ... 2 Nm<br>(note max. torque of mating connector!) |
| Mounting orientation            | Front mount                                             |
| Mounting thread                 | 3/4"-14 NPT                                             |
| Receptacle mounting torque      | 3.5...10.2 Nm                                           |
| Mechanical life                 | > 100 Mating cycles                                     |
| Pollution degree                | 3                                                       |
| Protection class (When coupled) | IP67, IP68, IP69, IP69K                                 |
|                                 | NEMA: 1, 3, 4, 6P, 12                                   |
| Total number of conductors      | 9                                                       |
| Conductor material              | TC (tinned copper)                                      |
| Conductor insulation material   | PVC                                                     |
| Conductor size                  | 16 AWG [Similar to 1.50 mm²]                            |
| Conductor colors                | OG, BU, RD/BK, GN/BK, WH, RD, GN/YE, WH/BK, BK          |
| Electrical properties at +20 °C |                                                         |
| Rated voltage                   | 600 V                                                   |

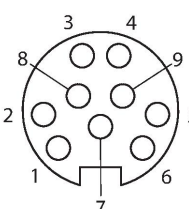
### Features



- Female 1 1/8" minifast Receptacle, 9 pin
- Mounting thread: 3/4"-14 NPT

### Contact assignment

Connector A



### Circuit Diagram

|   |       |
|---|-------|
| 1 | OG    |
| 2 | BU    |
| 3 | RD/BK |
| 4 | GN/BK |
| 5 | WH    |
| 6 | RD    |
| 7 | GN/YE |
| 8 | WH/BK |
| 9 | BK    |

## Technische Daten

|                                                                            |                         |
|----------------------------------------------------------------------------|-------------------------|
| Current                                                                    | 7 A                     |
| <b>Mechanical and chemical properties</b>                                  |                         |
| Ambient temperature range (static)                                         | -40...+105 °C           |
| Approvals                                                                  | CE<br>RoHS<br>UL Listed |
| <b>Note</b>                                                                |                         |
| - We reserve the right to make technical alterations without prior notice. |                         |

## Front panel mounting

