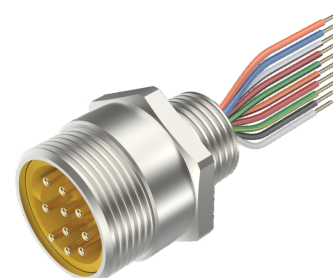
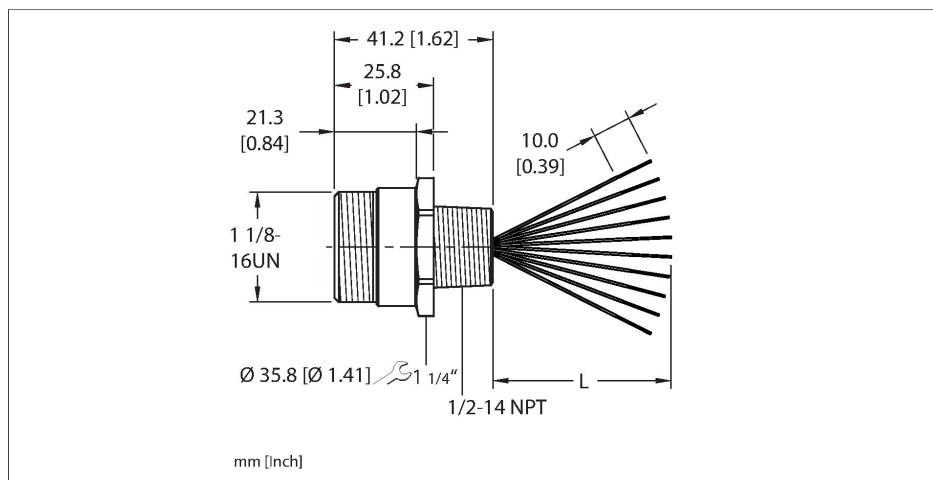


# RSF 106-xM/14.5/NPT

## Actuator and Sensor Receptacle – Front Mount



### Technische Daten

|                                 |                                                           |
|---------------------------------|-----------------------------------------------------------|
| Type                            | RSF 106-xM/14.5/NPT                                       |
| ID                              | 777002455                                                 |
| Connector A                     | Male, 1 1/8"-16 UN                                        |
| Number of contacts              | 10                                                        |
| 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                 | 1/2"-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      | 10                                                        |
| Conductor material              | TC (tinned copper)                                        |
| Conductor insulation material   | PVC                                                       |
| Conductor size                  | 16 AWG [Similar to 1.50 mm²]                              |
| Conductor colors                | OG, BU, WH/BK, RD/BK, GN/BK, OG/<br>BK, RD, GN/YE, BK, WH |
| Electrical properties at +20 °C |                                                           |
| Rated voltage                   | 600 V                                                     |

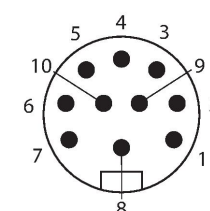
### Features



- 1 1/8" minifast, Male Receptacle, 10 pin
- Mounting thread: 1/2"-14 NPT

### Contact assignment

Connector A



### Circuit Diagram

|    |       |
|----|-------|
| 1  | OG    |
| 2  | BU    |
| 3  | WH/BK |
| 4  | RD/BK |
| 5  | GN/BK |
| 6  | OG/BK |
| 7  | RD    |
| 8  | GN/YE |
| 9  | BK    |
| 10 | WH    |

## Technische Daten

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

