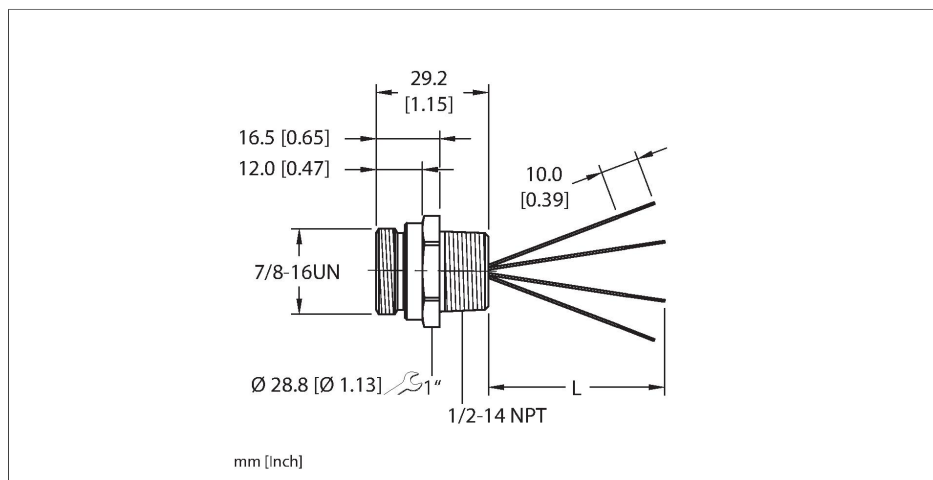


# RSF 46-xM/NPT

## Actuator and Sensor Receptacle – Front Mount

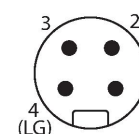


### Features

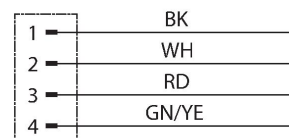
- UL C E RoHS compliant IP67/IP68 IP69/IP69K DEGREE OF PROTECTION
- 7/8" minifast, Male, Receptacle, 4-pin
- Mounting thread: 1/2"-14 NPT

### Contact assignment

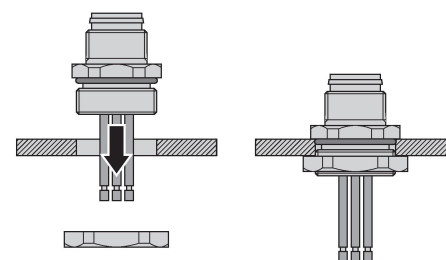
Connector A



### Circuit Diagram



### Front panel mounting



### Technische Daten

|                                 |                                                            |
|---------------------------------|------------------------------------------------------------|
| Type                            | RSF 46-xM/NPT                                              |
| ID                              | 777001571                                                  |
| Connector A                     | Male, 7/8"-16 UN                                           |
| Number of contacts              | 4                                                          |
| Contacts                        | Brass, CuZn, Gold-plated                                   |
| Contact carriers                | Plastic, TPU, Black                                        |
| Housing material/finish         | Brass, CuZn, Nickel-plated                                 |
| Tightening torque (range)       | 3.5 ... 10.2 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      | 4                                                          |
| Conductor material              | TC (tinned copper)                                         |
| Conductor insulation material   | PVC                                                        |
| Conductor size                  | 16 AWG [Similar to 1.50 mm²]                               |
| Conductor colors                | BK, WH, RD, GN/YE                                          |
| Electrical properties at +20 °C |                                                            |
| Rated voltage                   | 600 V                                                      |
| Current                         | 10 A                                                       |

## Technische Daten

### Mechanical and chemical properties

|                                    |               |
|------------------------------------|---------------|
| Ambient temperature range (static) | -40...+105 °C |
|------------------------------------|---------------|

|           |                                              |
|-----------|----------------------------------------------|
| Approvals | UL 2238<br>CSA C22.2 No. 182.3<br>CE<br>RoHS |
|-----------|----------------------------------------------|

### Note

- We reserve the right to make technical alterations without prior notice.