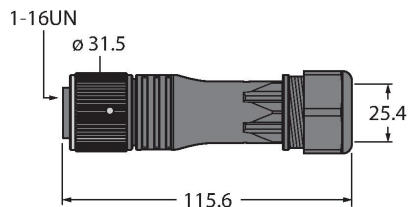


# B7181-0/21

## 1" Round connector – Field-Wireable Connector



### Features

- Metal coupling nut
- Protection class IP67
- Screw-clamp terminal
- 8-pin
- PG21 screw-in thread
- Cable feedthrough 9.0...16.0 mm

### Contact assignment



### Technical data

|                                        |                            |
|----------------------------------------|----------------------------|
| Type                                   | B7181-0/21                 |
| ID                                     | 6931097                    |
| Connector A                            | Female, 1"-16 UN, Straight |
| Number of Pins                         | 8                          |
| Contacts                               | CuZn, Gold-plated          |
| Contact carriers                       | Plastic, PA, Black         |
| Connector body                         | PA, Black                  |
| Coupling nut/screw                     | Brass, CuZn, Nickel-plated |
| Screw-in thread                        | PG21                       |
| External diameter of the cable         | min. 9...16 mm             |
| Connection mode                        | Screw/clamp connection     |
| Protection class                       | IP67, (screwed together)   |
| Electrical properties at +20 °C        |                            |
| Rated voltage                          | 600 V                      |
| Current                                | 8 A                        |
| Insulation resistance                  | $\geq 10^8 \Omega$         |
| Mechanical and chemical properties     |                            |
| Ambient temperature range (stationary) | -40 °C...+105 °C           |