

# YGFZ22-030VC1FFZ22

Other connectors and cables

**CONNECTORS AND CABLES**

**SICK**  
Sensor Intelligence.

### Ordering information

| Type               | part no. |
|--------------------|----------|
| YGFZ22-030VC1FFZ22 | 2144416  |

Other models and accessories → [www.sick.com/Other\\_connectors\\_and\\_cables](http://www.sick.com/Other_connectors_and_cables)



### Detailed technical data

#### Technical specifications

|                                       |                                                   |
|---------------------------------------|---------------------------------------------------|
| <b>Connection type head A</b>         | Female connector, FAKRA, 2-pin, angled, Z-coded   |
| <b>Connection type head B</b>         | Female connector, FAKRA, 2-pin, straight, Z-coded |
| <b>Locking plug connector</b>         | Snap-in locking                                   |
| <b>Connector color</b>                | Blue                                              |
| <b>Cable</b>                          | 3 m, 50 Ohm coaxial, PVC                          |
| <b>Jacket material</b>                | PVC                                               |
| <b>Jacket color</b>                   | Black                                             |
| <b>Cable diameter</b>                 | 3.3 mm                                            |
| <b>Shielding</b>                      | Shielded                                          |
| <b>Bending radius</b>                 |                                                   |
| Flexible use                          | > 15 x cable diameter                             |
| Stationary position                   | > 5 x cable diameter                              |
| <b>Nominal voltage, cable</b>         | 60 V DC                                           |
| <b>Rated impulse voltage</b>          | 60 V AC                                           |
| <b>Current loading</b>                | 1 A                                               |
| <b>Signal type</b>                    | Sensor/actuator cable                             |
| <b>Transmission characteristics</b>   | GMSL2                                             |
| <b>Data transmission rate</b>         | ≤ 6 Gbit/s                                        |
| <b>Application</b>                    | Automotive                                        |
| <b>Authorizations</b>                 | CE                                                |
| <b>Enclosure rating</b>               | IP20                                              |
| <b>Operating temperature</b>          |                                                   |
| Stationary position                   | -40 °C ... +105 °C                                |
| <b>Contamination rating</b>           | 2                                                 |
| <b>Insulation resistance</b>          | > 100 MΩ                                          |
| <b>Overvoltage category</b>           | I                                                 |
| <b>Specific insulation resistance</b> | < 150 mΩ                                          |

## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

**For us, that is “Sensor Intelligence.”**

## WORLDWIDE PRESENCE:

Contacts and other locations –[www.sick.com](http://www.sick.com)