

SICK

YGFZ22-100VC1FFZ22

Other connectors and cables

CONNECTORS AND CABLES

SICK
Sensor Intelligence.



Ordering information

Type	part no.
YGFZ22-100VC1FFZ22	2144418

Other models and accessories → www.sick.com/Other_connectors_and_cables



Detailed technical data

Technical specifications

Connection type head A	Female connector, FAKRA, 2-pin, angled, Z-coded
Connection type head B	Female connector, FAKRA, 2-pin, straight, Z-coded
Locking plug connector	Snap-in locking
Connector color	Blue
Cable	10 m, 50 Ohm coaxial, PVC
Jacket material	PVC
Jacket color	Black
Cable diameter	3.3 mm
Shielding	Shielded
Bending radius	
Flexible use	> 15 x cable diameter
Stationary position	> 5 x cable diameter
Nominal voltage, cable	60 V DC
Rated impulse voltage	60 V AC
Current loading	1 A
Signal type	Sensor/actuator cable
Transmission characteristics	GMSL2
Data transmission rate	≤ 6 Gbit/s
Enclosure rating	IP20
Operating temperature	
Stationary position	-40 °C ... +105 °C
Contamination rating	2
Insulation resistance	> 100 MΩ
Overvoltage category	I
Specific insulation resistance	< 500 mΩ

Certificates

EU declaration of conformity	✓
UK declaration of conformity	✓
China RoHS	✓

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