RS25
For best performance even in hazardous areas!

SICK
Sensor Intelligence.

RS25

Technical data overview

Communication interface	Ethernet POWERLINK
Dimensions (W x H x D)	100 mm x 47 mm x 200 mm 30 mm x 15 mm x 40 mm
Sensing distance	10 mm
Type of light	LED RGB
Connection type	Male connector M12, 4-pin
Communication interface	Ethernet POWERLINK
Dimensions (W x H x D)	100 mm x 47 mm x 200 mm 30 mm x 15 mm x 40 mm
Sensing distance	10 mm
Type of light	LED RGB
Connection type	Male connector M12, 4-pin

Product description

The RS25 can be used in various print mark processes and the fiber-optic ATEX certified version is ideal in explosive gas environments. The sensor has extremely low jitter in combination with fast communication via EthernetPowerlink, resulting in a very high repeatability. The multicolored LED is adapted to each mark to get the best possible contrast.

At a glance

- PLC embedded register control
- Multi LED (RGB)
- Fast communication via Ethernet Powerlink
- Very high repeatability (≤ 40 μm)
- Detects up to 20 marks of different colors
- Reading window for improved reliability

Your benefits

- High precision to enhance print quality
- Sensor for explosive gas areas – ATEX certified
- Flexible solution via the PLC embedded register control unit
- Cost-saving potential with less material waste and less production conversion time

Fields of application

- Longitudinal and lateral register control for printing machines
- Cut mark control
- Multicolor marks without start code
- Multicolor marks with start code: option of user-defined start codes

Ordering information

Other models and accessories ➜ www.sick.com/RS25

- **Housing design:** rectangular
- **Communication interface:** Ethernet POWERLINK
- **Sensing distance:** ≤ 10 mm

Connection type Detail	Type	Part no.
Male connector M12, 4-pin	RS25-WF334000	1062005

- **Housing design:** rectangular

Light spot size	Type	Part no.
1.1 mm x 2 mm	RS25 - optical sensor head	On request

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**

SICK AG | Waldkirch | Germany | www.sick.com

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