



EG34x

Limit switch gearbox for position monitoring

SICK
Sensor Intelligence.



Technical data overview

| | |
|------------------------------------|--|
| Operating temperature range | 0 °C ... +85 °C (depending on type) |
| Enclosure rating | IP65 (IEC 60529) ¹⁾ IP67 (IEC 60529) ¹⁾ |

¹⁾ With mating connector fitted.



Product description

Gear limit switches are position switches with positive opening. They are used to limit the range of movement of systems and machine parts. Two limit switches, each actuated by a Geneva drive, make it possible to infinitely adjust two switching points within a range of 3,400 revolutions and to achieve a switching accuracy of 20° for the input shaft despite the large range.

At a glance

- 2 to 6 switching contacts, independently adjustable (type-dependent)
- Max. working range: 3,400 revolutions
- Enclosure rating: IP67
- Operating temperature range: 0 °C ... +85 °C (type-dependent)
- Housing size: Ø100 mm

Your benefits

- Large working range of up to 3,400 revolutions
- Easy integration through infinite adjustment of the switching points using a screwdriver
- High flexibility thanks to multiple switching levels
- High reliability and high switching accuracy due to proven technology
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Fields of application

Measurement of end positions in a wide variety of industries: work platforms, conveying equipment, machine construction

Ordering information

Other models and accessories → www.sick.com/EG34x

- **Type of movement at location of encoder installation:** rotary
- **Working range:** 3,400 Revolutions

| Number of independently adjustable switching contacts | Operating temperature range | Weight | Type | Part no. |
|---|-----------------------------|--------|---------------------|----------|
| 2 | 0 °C ... +70 °C | 1.3 kg | EG341C-81B001012058 | 1124602 |
| 4 | 0 °C ... +70 °C | 1.5 kg | EG342C-81B001012059 | 1124604 |
| 6 | 0 °C ... +85 °C | 1.8 kg | EG343C-81B001012018 | 1124606 |

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