

Series

14

*Indicator compact.*

[www.eao.com](http://www.eao.com)



# Series 14

## *Indicator compact.*

**Compact, high-intensity illuminated, reliable LED indicator for safe status indication, for use in many types of applications including machinery, industrial automation, robotics and special vehicles.**

EAO, the Expert Partner for innovative, intuitive and reliable Human Machine Interfaces (HMIs), has added an innovative indicator to its Series 14. It offers homogeneous LED illumination, an easy-to-mount PIT terminal, a very low back panel depth of just 9.5 mm and 180° all-round visibility – even from great distances.

Indicators must function reliably, especially when used to signal operational status. OEMs and end users continue to demand ever more compact devices with the miniaturisation of operator devices. Even with these restrictive design principles, high-intensity and homogeneous illumination, a strong level of front protection, all-round visibility, and a robust construction are still a must.

EAO Series 14 indicators comply with these requirements, allowing for operating temperatures from –25 °C to +60 °C. The robust front protection (up to IP69K) and the IK07 impact resistance make this indicator ideal for use in harsh environments – in interior and exterior spaces along with applications where high levels of humidity and extreme temperature fluctuations are present.

With a minimal back panel depth of just 9.5 mm, a small outer diameter of 33.5 mm, and a polyamide seal, these units function reliably once mounted in even the most confined spaces.

Thanks to its front or rear-mounting ability, these indicators offer ease and flexibility with panel installation. Once secured to the panel by use of a fixing nut or a screw thread in the mounting cut-out, the cable is then connected quickly by use of practical push-in terminals (PIT). These units can handle an operational voltage range between 14 and 32 VAC/DC, with a current consumption of less than 50 mA.

The standard range of options includes red, blue, green, orange and white LEDs, which offer a lifetime of more than 50 000 operating hours. EAO Value Added Services are possible with customisation options including colours, operating voltage and connectors and cables.

If compact design, high-intensity illumination and maximum reliability are needed, the Series 14 short indicator is the perfect choice.

## Advantages.

- High-intensity illumination
- Compact, space-saving design
- 180° all-round visibility
- Easy mounting with reliable PIT terminal
- IP69K protection

### Typical applications

- Machinery and industrial automation
- Robotics
- Heavy duty and special vehicles
- Rail vehicles

### Mechanical characteristics

- Back panel depth: 9.5 mm
- Outer diameter: 33.5 mm
- Height: 28.5 mm

### Electrical characteristics

- Terminal: Push-in terminal (PIT);  
0.75 mm<sup>2</sup>
- Operating voltage: 14 to 32 VAC/DC
- Current consumption: <50 mA

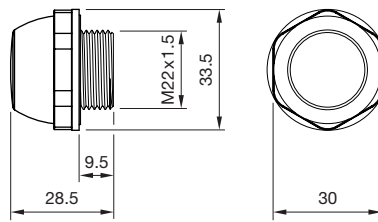
### Degree of protection

- IP65, IP67, IP69K front protection

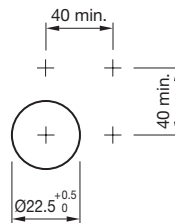
### Standards and directives

- CE, UL

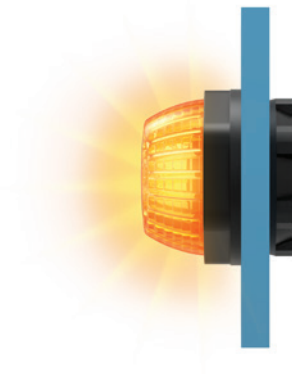
### Dimensions



### Mounting cut-out



All dimensions in mm.



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