

Series

14

*Indicator compact.*

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# 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

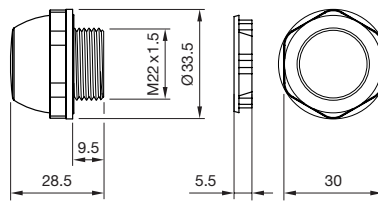
### Degree of protection

- IP65, IP67, IP69K front protection

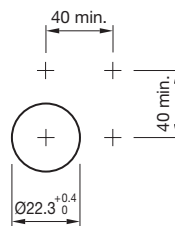
### Standards and directives

- CE, UL

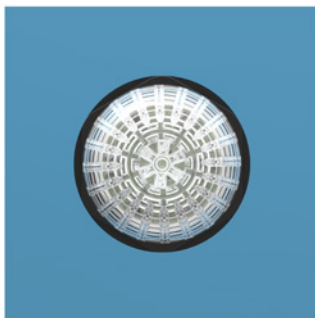
### Dimensions



### Mounting cut-out



All dimensions in mm.



# EAO Contact.

## *Your centre of excellence.*

### Headquarters

EAO Holding AG  
Tannwaldstrasse 88  
CH-4600 Olten  
Telephone +41 62 286 92 00  
info@eao.com

### Manufacturing Companies

**Switzerland**  
EAO AG  
Tannwaldstrasse 88  
CH-4600 Olten  
Telephone +41 62 286 91 11  
info@eao.com

EAO Systems AG  
Tannwaldstrasse 88  
CH-4600 Olten  
Telephone +41 62 286 91 11  
sales.esy@eao.com

**China**  
EAO (Guangzhou) Ltd.  
3/F, Block G4, South China  
New Materials Innovation Park  
31 Kefeng Road  
Guangzhou Science City  
CN-Guangzhou, PRC  
Telephone +86 20 3229 0390  
sales.ecn@eao.com

**Germany**  
EAO Automotive GmbH & Co. KG  
Richard-Wagner-Straße 3  
DE-08209 Auerbach/Vogtland  
Telephone +49 3744 8264 0  
sales.esa@eao.com

**North America**  
EAO Corporation  
One Parrott Drive  
Shelton  
US-CT 06484  
Telephone +1 203 951 4600  
sales.eus@eao.com

### Sales Companies

**China**  
EAO (Guangzhou) Ltd.  
3/F, Block G4, South China  
New Materials Innovation Park  
31 Kefeng Road  
Guangzhou Science City  
CN-Guangzhou, PRC  
Telephone +86 20 3229 0390  
sales.ecn@eao.com

EAO (Shanghai) Office  
Rm.401, Lihpao Plaza,  
NO.159 Shenwu Road,  
Minhang District,  
CN-Shanghai, 201106.  
PRC  
Telephone +86 21 6095 0717  
sales.ecn@eao.com

**France**  
EAO France SAS  
Nextdoor – Bâtiment Silex  
15 rue des Cuirassiers  
CS 33821  
FR-69487 Lyon Cedex O3  
Telephone +33 9 74 18 93 41  
sales.efr@eao.com

**Germany, Austria, Czech Republic,  
Poland, Slovakia**  
EAO GmbH  
Langenberger Straße 570  
DE-45277 Essen  
Telephone +49 201 8587 0  
sales.ede@eao.com

**Hong Kong (Asia Pacific)**  
EAO (Far East) Ltd.  
Unit A1, 1/F, Block A  
Tin On Industrial Building  
777 Cheung Sha Wan Road  
Lai Chi Kok, Kln  
HK-Hong Kong  
Telephone +852 27 86 91 41  
sales.ehk@eao.com

**Italy**  
EAO Italia S.r.l.  
Centro Direzionale Summit –  
Palazzo D1  
Via Brescia 28  
IT-20063 Cernusco sul Naviglio (MI)  
Telephone +39 029 247 0722  
sales.eit@eao.com

**Japan**  
EAO Japan Co. Ltd.  
Net 1 Mita Bldg. 3F  
3-1-4 Mita Minato-ku  
JP-Tokyo 108-0073  
Telephone +81 3 5444 5411  
sales.ejp@eao.com

**Netherlands, Belgium**  
EAO Benelux B.V.  
Kamerlingh Onnesweg 46  
NL-3316 GL Dordrecht  
Telephone +31 78 653 17 00  
sales.enl@eao.com

**North America**  
EAO Corporation  
One Parrott Drive  
Shelton  
US-CT 06484  
Telephone +1 203 951 4600  
sales.eus@eao.com

**Switzerland**  
EAO Schweiz AG  
Tannwaldstrasse 86  
CH-4600 Olten  
Telephone +41 62 286 95 00  
sales.ech@eao.com

**United Kingdom, Denmark,  
Finland, Ireland, Norway, Sweden**  
EAO Ltd.  
Highland House  
Albert Drive  
Burgess Hill  
GB-West Sussex RH15 9TN  
Telephone +44 1444 236 000  
sales.euk@eao.com