

Series

14

Indicator compact.

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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 mm²
- Operating voltage: 14 to 32 VAC/DC
- Current consumption: <50 mA

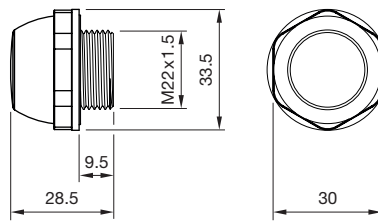
Degree of protection

- IP65, IP67, IP69K front protection

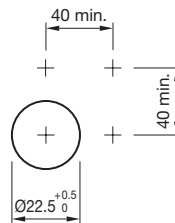
Standards and directives

- CE, UL

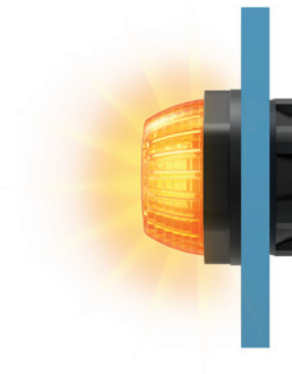
Dimensions



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. 403, Block 5#,
CIFI Century Square, Lane 28,
NO. 21, Danba Road,
Putuo District
CN-Shanghai PRC
Telephone +86 21 6095 0717
sales.ecn@eao.com

France
EAO France SAS
5, rue Henri François
FR-77330 Ozoir-la-Ferrière
Telephone +33 1 64 43 37 37
sales.efr@eao.com

**Germany, Austria,
Poland, Czech Republic**
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 02 92 471934
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, Ireland,
Finland, Norway**
EAO Ltd.
Highland House
Albert Drive
Burgess Hill
GB-West Sussex RH15 9TN
Telephone +44 1444 236 000
sales.euk@eao.com