

Series 14 – Indicator compact

Product Presentation

January 2017



Internal use

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EAO, the Expert Partner for Human Machine Interfaces (HMIs), has added an innovative indicator to its Series 14. These new devices offer:

- Compact design
- Homogeneous LED illumination
- Easy-to-mount PIT terminals with low back panel depth of just 9.5 mm
- 180° visibility, even from great distances.

Thanks to its front or rear-mounting ability, these indicators offer ease and flexibility by way of a fixing nut or direct-mounting via a threaded hole in the front panel. Cables can be quickly connected and securely attached using practical push-in terminals (PIT) and the operating voltage range is between 14 and 32VAC/DC.

02 Unique Selling Proposition

Internal use

- Compact
- High-intensity illumination
- Space-saving design
- 180° all-round visibility
- Time saving mounting
- Reliable PIT terminal
- Long service life
- IP69K protection

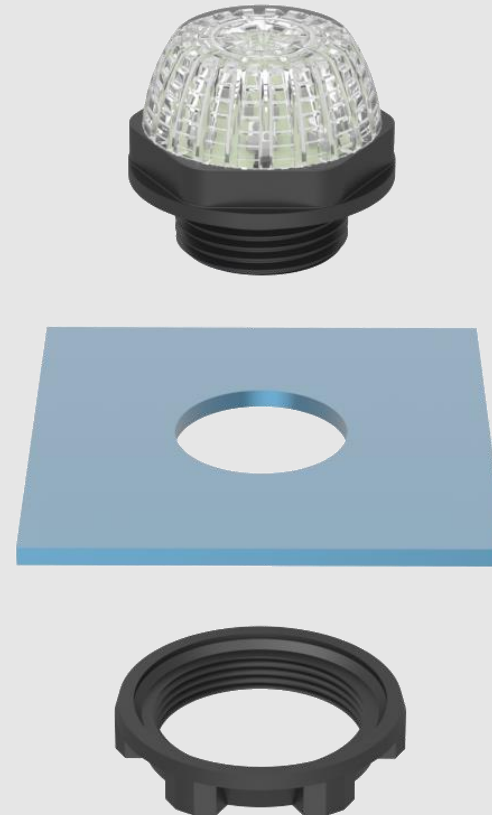


03 Product Assembly

Internal use

- Indicator
- Panel
- (Fixing nut)

Indicator can be mounted directly in a threaded mounting hole or via fixing nut



03 Product Assembly

Internal use

Indicator compact, 24VDC, PIT

| | | |
|--------|------------|------------------|
| Red | 14-060.207 | } (Part numbers) |
| Orange | 14-060.307 | |
| Green | 14-060.507 | |
| Blue | 14-060.607 | |
| White | 14-060.907 | |



** Indicators in non-illuminated state appear white/clear. Color is only visible when powered.*

04 Technical Specifications

Internal use

| Electrical | | Series 14 Indicator compact |
|---------------------|--------|---------------------------------------|
| Operating voltage | VAC/DC | 14...32 |
| Current consumption | mA | < 50 |
| Life-time | h | > 50 000 |

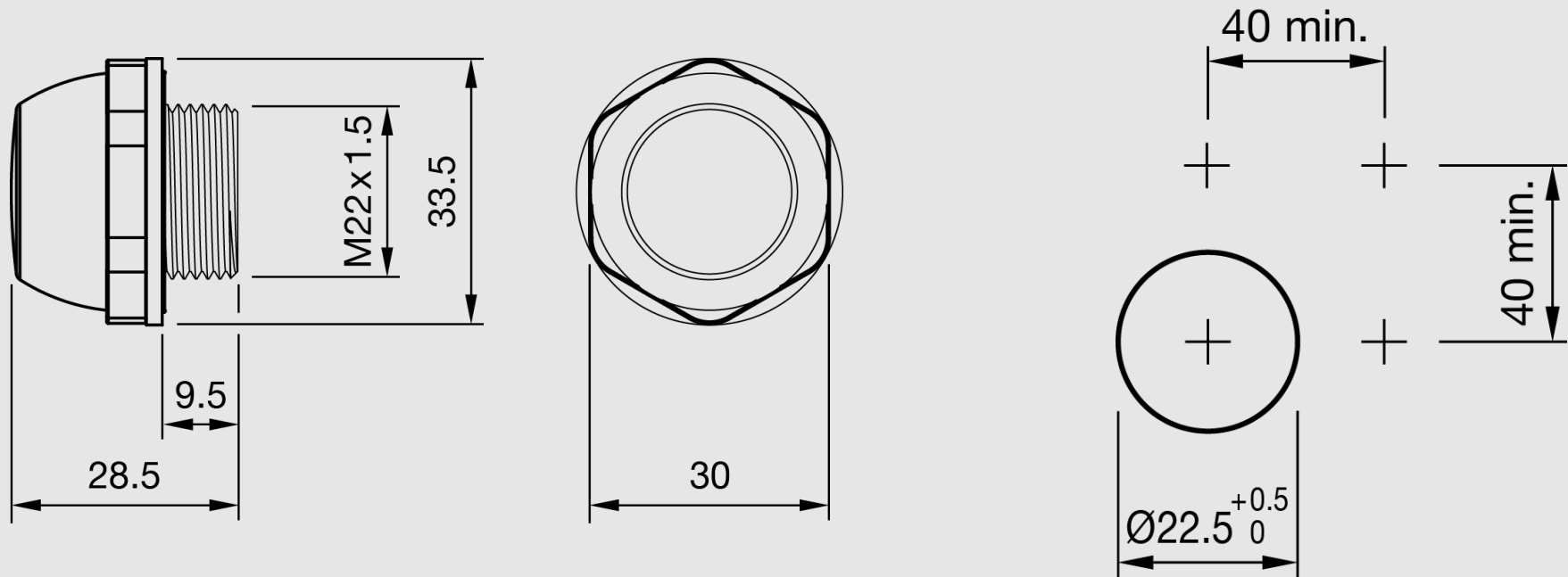
04 Technical Specifications

Internal use

| Mechanical | | Series 14 Indicator compact |
|-----------------------|------------|---------------------------------------|
| Operating temperature | | -25°C ... +60°C |
| Degree of protection | Front side | IP65, IP67, IP69K |
| | Rear side | IP20 |
| Impact resistance | | IK07 |
| Terminal | | Push-in Terminal (PIT) |
| Material | | Grilamid TR55 |
| Mounting cut-out | | 22.5mm |
| Panel thickness | | 1 ... 5mm |

04 Technical Specifications

Internal use



* All dimensions listed in millimeters

05 Competition

Internal use

| | EAO | Idec (HW Series) | Werma |
|-----------------------|-----------------|------------------|----------------|
| Terminal | PIT | Screw | Wire (155mm) |
| Back panel depth | 9.5 mm | 35 mm | 15 mm |
| Degree of protection | IP65/IP67/IP69K | IP65 | IP65 |
| Operating temperature | -25 ... +60 °C | -25 ... +50 °C | -20 ... +50 °C |
| Life time | > 50 000 h | > 50 000 h | 100 000 h |



06 Application – Robot

Internal use



06 Application – Baggage Scanner

Internal use



06 Application – Machinery Operator Panels

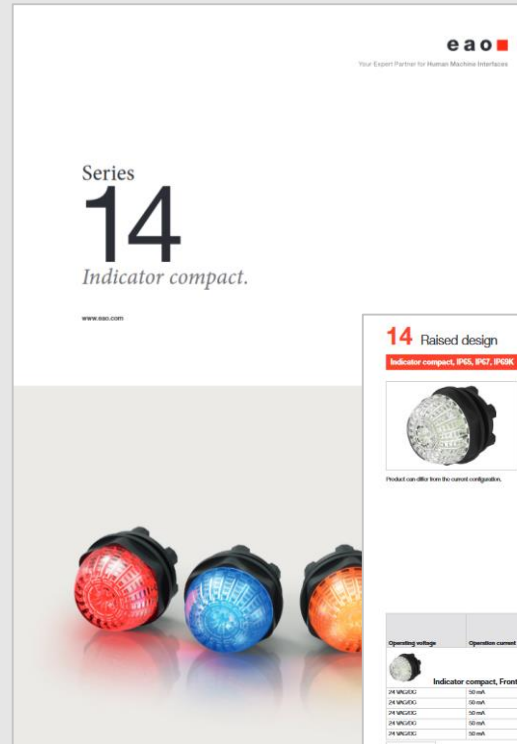
Internal use



07 Promotional Material

Internal use

- [Product Brochure](#)
- [Microsite](#)
- [Series 14 catalog](#)
- [Online product configurator](#)
- 3D models



14 Raised design

Indicator compact, IP65, IP67, IP69K

Product can offer from the current configurations.

Mounting (see table page)

| Operating voltage | Operation current | Illumination |
|-------------------|-------------------|--------------|
| 24 VDC/24V | 30 mA | red |
| 24 VDC/24V | 30 mA | orange |
| 24 VDC/24V | 30 mA | green |
| 24 VDC/24V | 30 mA | blue |
| 24 VDC/24V | 30 mA | white |

Indicator compact, Front dimension Ø 28.5 mm

| | | | | | | |
|------------|-------|--------|------------------|------------|---|----------|
| 24 VDC/24V | 30 mA | red | Push-to-terminal | 14-000-007 | 1 | 0.037 kg |
| 24 VDC/24V | 30 mA | orange | Push-to-terminal | 14-000-007 | 1 | 0.037 kg |
| 24 VDC/24V | 30 mA | green | Push-to-terminal | 14-000-007 | 1 | 0.037 kg |
| 24 VDC/24V | 30 mA | blue | Push-to-terminal | 14-000-007 | 1 | 0.037 kg |
| 24 VDC/24V | 30 mA | white | Push-to-terminal | 14-000-007 | 1 | 0.037 kg |

Wiring Diagram 1

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Series 14. Indicator compact. EAO creates possibilities. Since 1947.

EAO Indicator compact of Series 14

EAO Series 14 Indicator compact. High-intensity illuminated and robust.

EAO, the Expert Partner for innovative, intuitive and reliable Human Machine Interfaces (HMI), has added an innovative indicator to its dependable Series 14 – such as for production robot applications.

Typical Applications

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

This new indicator offers homogeneous LED illumination, an easy-to-mount PTT terminal, a very low back panel depth of just 9.5 mm and 180° all-round visibility – even from great distances.

Advantages

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

EAO offers a variety of innovative, intuitive and reliable products and services for HMIs.

Quicklinks

- Product brochure
- Main catalogue Series 14
- Series 14
- Online Product Configurator

Online Product Configurator

With just a few short steps and using a series of selection menus, our online product configurator allows you to quickly and conveniently configure exactly the right HMI product to match your application.

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Your Expert Partner for **Human Machine Interfaces**