

## INTENSE STATUS INDICATION DOME RGB



The products of the Intense family provide a clearly visible status indication. The flexible RGB LED devices can display different statuses with just one device.

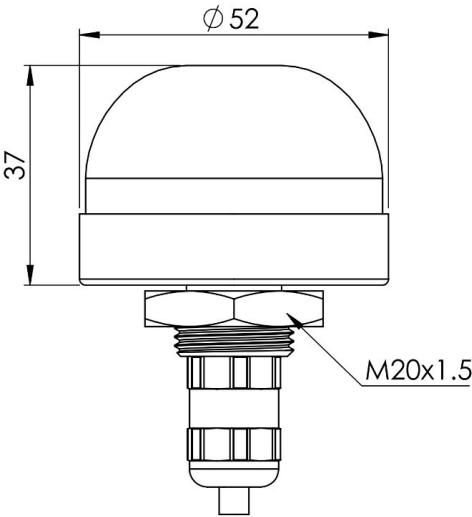
- Can be used in a variety of applications thanks to individual colour selection and compact design.
- Homogeneous 360° perceptibility: Full-surface, diffuse LED light surface with high visibility and efficiency.
- Quick and easy connection thanks to M12 connector.
- Compact installation form - Ideal for applications in confined spaces without compromising visibility.
- Optional with IO-Link for intelligent control: Full parameterization of colours, flashing frequencies, and signaling modes.

|                  |                |                   |                   |                      |                                |                                                                                   |             |            |
|------------------|----------------|-------------------|-------------------|----------------------|--------------------------------|-----------------------------------------------------------------------------------|-------------|------------|
| <b>RGB</b>       | <b>IO-Link</b> | <b>IP67</b>       | <b>NEMA 4</b>     | <b>IK07</b>          | <b>+50 °C</b><br><b>-20 °C</b> |  | <b>UL</b>   | <b>M12</b> |
| multi-colour LED | (option)       | protection system | protection system | impact-proof housing | operating temperature          | brightness adjustable (IO-Link)                                                   | UL approval | connector  |

| PRODUKT                      |         | DOME 50 IO-Link                                                                                        | DOME 50          |
|------------------------------|---------|--------------------------------------------------------------------------------------------------------|------------------|
| DATEN                        |         |                                                                                                        |                  |
| Rated voltage                |         | 24 V DC                                                                                                |                  |
| Operating range              |         | 21 - 30 V                                                                                              | 21 - 27 V        |
| Current consumption          |         | 85 mA                                                                                                  | 40 mA            |
| Operating mode               |         | continuous, blinking and flashing light                                                                | continuous light |
| Light source / Light colours |         | LED / selectable: red, yellow, green, blue, white                                                      |                  |
| Light intensity (DIN 5037)   |         | 10 cd reduceable                                                                                       |                  |
| Operating temperature        |         | -20 °C ... +50 °C                                                                                      |                  |
| Storage temperature          |         | -40 °C ... +70 °C                                                                                      |                  |
| Operating position           |         | universal                                                                                              |                  |
| Protection                   |         | IP67 (EN 60529), IK07 (EN 62262)                                                                       |                  |
| Service life of light source |         | ≥50.000 hours                                                                                          |                  |
| Material                     | Haube   |  polycarbonat e(PC) |                  |
|                              | Gehäuse | aluminium, black painted                                                                               |                  |
| Connection                   |         | M12-plug at 250 mm cable, 4 pin, male, type A                                                          |                  |
| Weight                       |         | 80 g                                                                                                   | 70 g             |



DIMENSIONS



| ARTICLE NO.                                                                                                                                                               | DOME RGB        |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------|
| LIGHT- / LENS-COLOUR                                                                                                                                                      | DOME 50 IO-Link | DOME 50     |
|  /  | 22016808599     | 22016808597 |

CONFORMITY TO STANDARDS

The visual characteristics of continuous lights conform to the European standard DIN EN 842; “**Machine safety – visual alarm signals**”. Requirements contained in the DIN EN 981 standard; “**Machine safety – system of acoustic and visual alarm and information signals**”, can be fulfilled.

The colours “red” for the emergency signal and “yellow” for the warning signal conform to the requirements of IEC 73 / DIN EN 60073 / VDE 0199; “**Coding of display devices and control elements using colours and supplementary means**”.