INTENSE STATUS INDICATION
DOME RGB



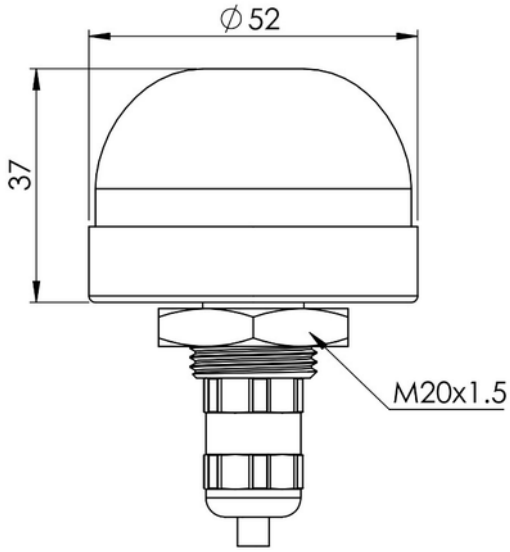
The products of the Intense family provide a clearly visible status indication. The flexible RGB LED devices can display different statuses with just one device.

- 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.

RGB – multi-colour LED
IO-Link – (option)
IP67 – protection system
NEMA 4 – protection system
IK07 – impact-proof housing
+50 °C / –20 °C – operating temperature
brightness adjustable (IO-Link)
UL – UL approval
M12 – 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		continous, blinking and flashing light	continous 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”.**