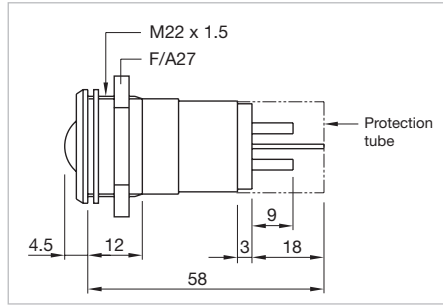


17 Raised design

Indicator 22mm LED 15 mm, IP 67

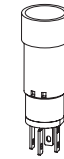


Product can differ from the current configuration.



Dimensions [mm]

Equipment consisting of (schematic overview)



Indicator



Retaining ring

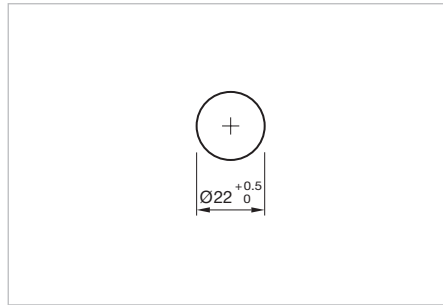


Fixing nut



Each Part Number listed below includes all the black components shown in the 3D-drawing.

Additional Information

- Connectors: Brass terminal = anode (+); brass tinned terminal = cathode (-)
- Operating voltage tolerance +10 %
- Operating current tolerance ±15 %





Mounting cut-outs [mm]

Product attribute	Reflector	LED colour	Operating voltage	Operation current	Lumi. intensity	Terminal	Part No.	Component layout	Weight
	Indicator 22mm LED 15 mm, Front dimension Ø 25 mm								
	Metal satin-chrome	red	24 VDC	19 mA	160 mcd	Plug 2.8 x 0.8 mm	17-530350	4	0.042 kg
		green	24 VDC	19 mA	120 mcd	Plug 2.8 x 0.8 mm	17-530351	4	0.042 kg
		yellow	24 VDC	19 mA	350 mcd	Plug 2.8 x 0.8 mm	17-530352	4	0.042 kg
		red/yellow/green	24 VDC	26/24/50 mA	51/92/120 mcd	Plug 2.8 x 0.8 mm	17-540354	5	0.042 kg
	Metal black-chrome	red	24 VDC	19 mA	160 mcd	Plug 2.8 x 0.8 mm	17-531350	4	0.042 kg
		green	24 VDC	19 mA	120 mcd	Plug 2.8 x 0.8 mm	17-531351	4	0.042 kg
		yellow	24 VDC	19 mA	350 mcd	Plug 2.8 x 0.8 mm	17-531352	4	0.042 kg
		red/yellow/green	24 VDC	26/24/50 mA	51/92/120 mcd	Plug 2.8 x 0.8 mm	17-541354	5	0.042 kg
	Indicator 22mm LED 15 mm, Front dimension Ø 25 mm								
with protection tube	Metal satin-chrome	red	230 VAC	4 mA	28 mcd	Plug 2.8 x 0.8 mm	17-570230	4	0.044 kg
		green	230 VAC	4 mA	20 mcd	Plug 2.8 x 0.8 mm	17-570231	4	0.044 kg
		yellow	230 VAC	4 mA	48 mcd	Plug 2.8 x 0.8 mm	17-570232	4	0.044 kg
	Metal black-chrome	red	230 VAC	4 mA	28 mcd	Plug 2.8 x 0.8 mm	17-571230	4	0.044 kg
		green	230 VAC	4 mA	20 mcd	Plug 2.8 x 0.8 mm	17-571231	4	0.044 kg
		yellow	230 VAC	4 mA	48 mcd	Plug 2.8 x 0.8 mm	17-571232	4	0.044 kg



The component layouts you will find from page 15

Backside

Flat receptacle

Product attribute	Part No.	Weight
 <p>Flat receptacle</p>		
2.0 x 0.5 mm plug-in terminal	31-945	0.001 kg
 <p>Flat receptacle</p>		
2.8 x 0.8 mm plug-in terminal	84-9420	0.001 kg


Insulation sleeve

Product attribute	Part No.	Weight
 <p>Insulation sleeve</p>		
for flat receptacle 2.0 mm	31-928	0.001 kg
 <p>Insulation sleeve</p>		
for flat receptacle 2.8 mm	31-929	0.001 kg



17 Accessories

Mounting

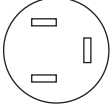

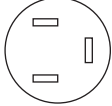
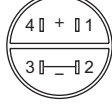

Fixing nut long

Dimension	Part No.	Weight
 <p>Fixing nut long</p>		
Ø 9/M8 x 13 mm	19-991	0.001 kg

Mounting tool

Produkteigenschaften	Part No.	Weight
 <p>Mounting tool</p>		
	01-907	0.02 kg
 <p>Mounting tool</p>		
for fixing nut long Part No. 19-991	19-905	0.011 kg

Drawings

<p>+ red</p>  <p>- common cathode</p> <p>+ green</p> <p>Component layout 1</p>	<p>+ red</p>  <p>- common cathode</p> <p>+ yellow</p> <p>Component layout 2</p>	<p>+ yellow</p>  <p>- common cathode</p> <p>+ green</p> <p>Component layout 3</p>	<p>Anode</p>  <p>Cathode</p> <p>Component layout 4</p>	<p>green red</p>  <p>common cathode</p> <p>Component layout 5</p>
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17 Technical data

Technical Data

Material

Actuator

Reflector: Brass satin chrome/black chrome
for indicator 16 mm dia. in black plastic
The plastic (polycarbonate) is limited resistant against chemicals

Mechanical characteristics

Terminals

Plug-in terminal 2.0 x 0.5 mm or 2.8 x 0.8 mm
The indicators with tab-connection are not qualified for soldering

Tightening torque

20 Ncm

Electrical characteristics

Polarity

Anode (+) Brass plug-in connector
Cathode (-) Brass tinned plug-in connector

Operating voltage tolerance

+10 %

Operating current tolerance

±15 %

Optical characteristics

Wave length

red	660 nm
super red	625 nm
hyper red	660 nm
orange	625 nm (for execution 230V: 610 nm)
green	565 nm
yellow/green	570 nm (for execution 230V: 575 nm)
yellow	590 nm
blue	475 nm
red/green	660/565 nm
red/yellow	660/590 nm

Environmental conditions

Storage temperature

-25 °C ... +80 °C

Service temperature

-20 °C ... +60 °C

Protection degree

front IP 40

IP 67 as per DIN EN 60529 - Gap between LED and reflector and gap between reflector and frontplate sealed to IP 67 when using the supplied gasket

Approvals

Approbations

UL

VDE

EAO reserves the right to alter specifications without further notice.