

# Signal Lamp with test lamp

SFE - Direct voltage - Ø 22mm

**Faz**/engineering  
Innovative and industrial signage and applications

by **Fazim**/Group



Reference :

*SFE + VOLTAGE + CC + COLOR + 22*

Example : SFE24CCBe22

## Generalities

The signal lamps **SFE** in direct voltage, are fixed lights, allowing the visualisation of « voltage presence ». Each lug terminal «E» of these signal lamps can be connected to create a lamp test of all. These LED lamps are the same as the range **FE**, with 5 LEDs instead of 3 LED, for more brightness !

## Description

- Body : Co-polyamide , fixing plastic nut, diameter 22 mm (0.866"), IK10, IP67 in front face, through the flat gasket provided, RoHS compliant, CE, UL 94 V-0.
- Front face : 5 color LED : red (R), green (V), yellow (J), amber (I), white (Bc), orange (O) or blue (Be) high brightness + 1 cap matches the colors of LED : Red, Green, Blue, Orange, Yellow or Transparent for White.

## Technical specifications

- Supply voltages (+/-20%) and consumptions between terminals 1 and 2 or 1 and E :

Voltages Colors	12Vdc	24Vdc	48Vdc	60Vdc	72Vdc	127Vdc	220Vdc
R, J, I, O	-	315mW	210 mW	-	-	750 mW	610 mW
V, B, Bc	-	390 mW	260 mW	-	-	610 mW	430 mW

For voltages above 220Vdc, see the SFE Ø 30mm range.

- Conformities : Norms EN55015, EN61547, EN61000-6-2, EN61000-6-4, ROHS, Reach, CE.
- Lifetime (MTBF\*) : 100 000 hours.
- Operating temperature : -30°C à +70°C (22°F to 158°F).
- IP protection standard : IP67 (in front face)
- IK protection standard : IK10

(\* : mean time between failure)

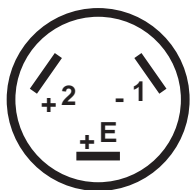
## Advantages

- Insensitivity to vibrations, mechanical shocks.
- Resistance to moisture and water splashes.
- Electrical shocks resist : 5KV during 50µs.
- Immunity against magnetic fields.
- Assembly and disassembly easy, fast and secure .
- Exceptionally long life and unparalleled.
- Low power consumption and heat dissipation.

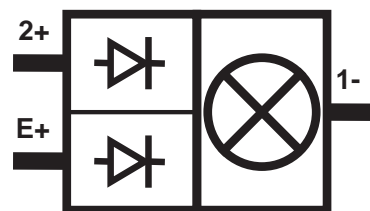


## Connections

- 3 Quick-Fit male terminal 6.3mm (0.248")

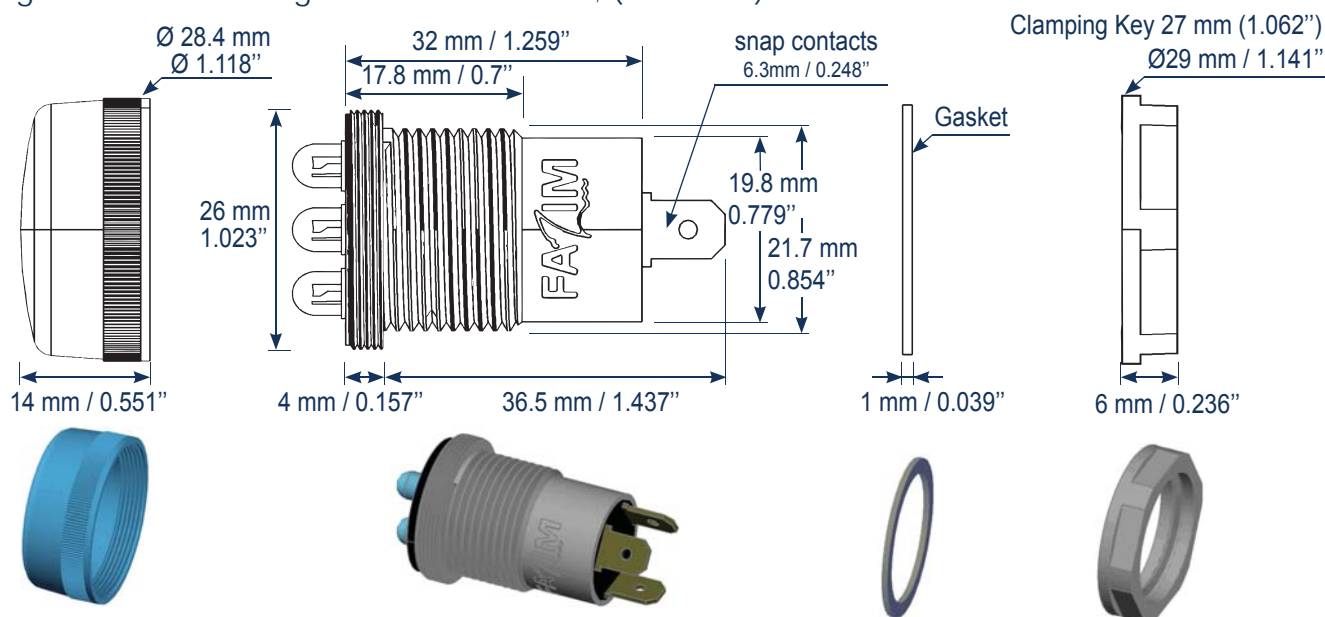


1 = Common  
(-)  
2 = Fixed light  
(+)  
E = Lamp test  
(+)



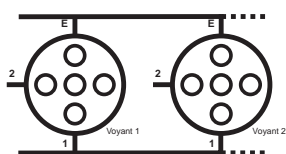
## Mechanical specifications

- Fixing : standard drilling Ø22mm +/-0.5mm ; (Ø 0.866").

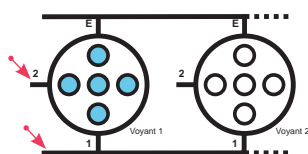


## Working

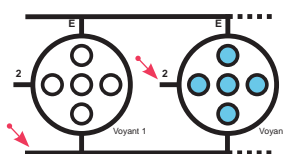
- Off :



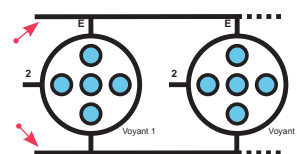
- On :



Lamp 1 : Supply  
voltage between 1 and 2



Lamp 2 : Supply  
voltage between 1 and 2



Lamp test : Supply  
voltage between 1 and E



## Options & warranty

- Options : Other voltage on request, threshold voltage, color LED (Pink Ro and Purple Vi), color cap, output wiring terminals, snap contact with screw or a connector of your choice... (see also SFE Ø 30mm range).
- Warranty : 24 months manufacturer. No Quick-Fit Terminal Male must be welded or lose the guarantee.
- Recommendation : The Quick-Fit Terminal Male must be completely covered with isolation that can be removed only by destruction.