

Housing chrome
LED red
Optionally with and without series resistor and with protruding LED or external reflector


Housing black dull
LED red
Chalice shape with internal reflector


Housing chrome
LED green
Chalice shape with internal reflector


Housing black dull
LED red
Exposed LED and external reflec

See below:
Approvals and Compliances

## Description

- Panel Mounting
- Illumination with 5 mm LED
- available with or without series resistor
- Housing chrome plated or black dull
- Solder terminals

Weblinks
pdf data sheet, html datasheet, CAD-Drawings, Detailed request for product

## Technical Data

| Electrical Data |  |
| :--- | :--- |
| Current consumption | 10 mA with Built-in Multiplier |
| LED | Technical data LED see separate table |
| Climatical Data |  |
| Allowable Operation Temp. | -25 to $55^{\circ} \mathrm{C}$ |
| Storage Temperature | -55 to $100^{\circ} \mathrm{C}$ |
| Protection Class | IP 67 |


| Soldering Data |  |
| :--- | :--- |
| Solderability | $235^{\circ} \mathrm{C} / 2$ sec acc. to IEC 60068-2- |
|  | 20, Test Ta, method 1 |
| Resistance to Soldering Heat | $350^{\circ} \mathrm{C} / 5 \mathrm{sec}$ acc. to IEC 60068-2- |
|  | 20, Test Tb, method 1B |
| Material |  |
| Housing | Brass chrome-plated |
| Solder terminals | Tin-Plated Copper |
| Nut | Nickel-Plated Brass |
| Sealing | Nitril rubber |

Technical Data LED

|  | LED red | LED green | LED yellow |
| :--- | :--- | :--- | :--- |
| Let-through courrent DC IF max. | 30 mA | 30 mA | 30 mA |
| Power Loss PV max. | 100 mW | 100 mW | 100 mW |
| Forward voltage | typ. $2.0 \mathrm{~V} ;$ max. 3.0 V | typ. $2.4 \mathrm{~V} ;$ max. 3.0 V | typ. $2.4 \mathrm{~V} ; \mathrm{max} .3 .0 \mathrm{~V}$ |
| Luminous intensity | min. $6.3 \mathrm{mcd} ;$ typ. 10 mcd | min. $6.3 \mathrm{mcd} ;$ typ. 10 mcd | min. $6.3 \mathrm{mcd} ;$ typ. 12 mcd |
| Viewing angle | $60^{\circ}$ | $60^{\circ}$ | $60^{\circ}$ |
| Peak wave lenght | typ. 635 nm | typ. 565 nm | typ. 585 nm |
| Reverse voltage | typ. 15 V | typ. 15 V | typ. 15 V |

## Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in Details about Approvals

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

## Compliances

The product complies with following Guide Lines

| Identification | Details | Initiator |
| :--- | :--- | :--- |
| RoHS | RoHS | SCHURTER AG |
| REACH | REACH |  |

## Dimension [mm]

LFM with resistor and internal reflector
LFM without resistor with internal reflector


LFM with exposed LED and resistor and external reflector


## All Variants

| Type | Multiplier | Housing | Supply Voltage | Color LED | Order Number |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Internal Reflector | with | chrome-plated | $24 V D C$ | red | 0035.0607 |
| Internal Reflector | with | chrome-plated | $24 V D C$ | green | 0035.0608 |
| Internal Reflector | with | chrome-plated | $24 V D C$ | yellow | 0035.0609 |
| Outside Reflector | with | black dull | $12 V D C$ | red | 0035.0664 |
| Outside Reflector | with | black dull | black dull | 12VDC | green |
| Outside Reflector | with | black dull | $24 V D C$ | 0035.0665 |  |
| Outside Reflector | with | black dull | $24 V D C$ | yellow | 0035.0666 |
| Outside Reflector | with | black dull | $24 V D C$ | red | 0035.0667 |
| Outside Reflector | with | black dull | - | green | 0035.0668 |
| Internal Reflector | without | black dull | - | red | 0035.0669 |
| Internal Reflector | without |  |  | green | 0035.0726 |


| Type | Multiplier | Housing | Supply Voltage | Color LED | Order Number |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Internal Reflector | without | black dull | - | yellow | 0035.0728 |

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