

LED Reflector Holder round with 3 mm and 5 mm LED


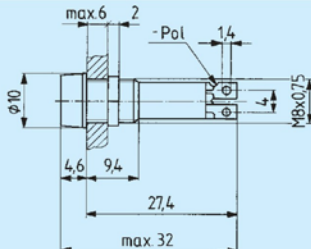
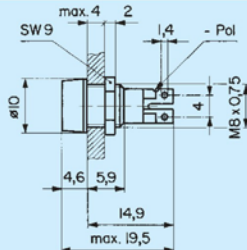
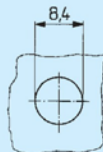

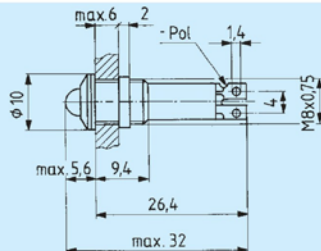
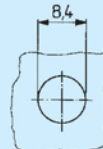


All Variants

| Description | Order Number |
|-------------|--------------|
| LFM | 0035.4104 |

Availability for all products can be searched real-time:<http://www.schurter.com/Stock-Check/Stock-Check-SCHURTER>

LFM (mit 5mm LED) IP 67
LFM (with T1 3/4 LED) IP 67

| Ausführungen Models | Abmessungen Dimensions | Frontplattenbohrung Frontpanel drilling |
|--|---|--|
| Innenreflektor Internal reflector  <p>mit Vorwiderstand with built-in resistor</p> <p>ohne Vorwiderstand without built-in resistor</p> |   |  |
| Außenreflektor Outside reflector  <p>mit Vorwiderstand with built-in resistor</p> <p>ohne Vorwiderstand without built-in resistor</p> |  |  |

Technische Daten / Technical data

1. Elektrische Kennwerte / Electrical data

| | |
|---|--|
| Stromaufnahme / Current input | 10 mA mit Vorwiderstand / With built-in resistor |
| Technische Daten der LED 0925.0059/60/61 siehe S.100/101 / Technical data LED 0925.0059/60/61 see p.100/101 | |

2. Sonstige Kennwerte / Other data

| | |
|---|---|
| Lötbarkeit / Solderability | max. 2s 235 °C (IEC 68 2-20 Test Ta Methode 1) |
| Lötwärmebeständigkeit / Soldering heat resistance | max. 5s 350 °C (IEC 68 2-20 Test Tb Methode 1B) |
| Umgebungstemperatur / Ambient temperature | -25°C ... +55°C |
| Lagertemperatur / Storage temperature | -55°C ... +100°C |
| Schutzklasse / Degree of protection | IP 67 |

3. Werkstoffe / Materials


| | |
|----------------------------------|---|
| Gehäuse / Body | Messing verchromt / Brass chromium-plated |
| Lötanschlüsse / Solder Terminals | Kupfer verzinkt / Copper tinned |
| Mutter / Nut | Messing vernickelt / Brass nickel-plated |
| Dichtung / Sealing | Nitril Kautschuk / Nitril rubber |

4. Montageart / Mounting type

Frontplattenmontage mit Lötanschlüssen / Frontpanel mounting with solder terminals


Innenreflektor LFM (mit 5mm LED) IP 67

Internal reflector LFM (with T13/4 LED) IP 67

| Ausführungen Models | Varianten Variations | gewünschte Farbe ankreuzen select your colour | | | Artikelnummer Part Number |
|---|--|--|--------|--------------------------|------------------------------|
| mit Vorwiderstand with built-in resistor  | Gehäuse verchromt Body chrome plated 24V | Farbe der LED Colour of LED | | | |
| | | rot | red | <input type="checkbox"/> | 0035.0607 |
| | | grün | green | <input type="checkbox"/> | 0035.0608 |
| | | gelb | yellow | <input type="checkbox"/> | 0035.0609 |
| ohne Vorwiderstand without built-in resistor  | Gehäuse schwarz matt Body black dull | Farbe der LED Colour of LED | | | |
| | | rot | red | <input type="checkbox"/> | 0035.0726 |
| | | grün | green | <input type="checkbox"/> | 0035.0727 |
| | | gelb | yellow | <input type="checkbox"/> | 0035.0728 |
| Zubehör Accessories | Federscheibe Spring lock washer | | | <input type="checkbox"/> | 0638.1004 |

Außenreflektor LFM (mit 5mm LED) IP 67

Outside reflector LFM (with T1 3/4 LED) IP 67

| Ausführungen Models | Varianten Variations | gewünschte Farbe ankreuzen select your colour | | | Artikelnummer Part Number |
|---|---|--|--------|--------------------------|------------------------------|
| mit Vorwiderstand with built-in resistor  | Gehäuse schwarz matt Body black dull 12V | Farbe der LED Colour of LED | | | |
| | | rot | red | <input type="checkbox"/> | 0035.0664 |
| | | grün | green | <input type="checkbox"/> | 0035.0665 |
| | | gelb | yellow | <input type="checkbox"/> | 0035.0666 |
| | 24V | rot | red | <input type="checkbox"/> | 0035.0667 |
| | | grün | green | <input type="checkbox"/> | 0035.0668 |
| | | gelb | yellow | <input type="checkbox"/> | 0035.0669 |
| Zubehör Accessories | Federscheibe Spring lock washer | | | <input type="checkbox"/> | 0638.1004 |

LFM (mit 5mm LED) IP 67

LFM (with T1 3/4 LED) IP 67

New specification from 1.7.2011*

TECHNICAL DATA LEDs

| 1. Maximum Ratings | LED old | LED new* | LED old | LED new* | LED old | LED new* |
|--|------------|-----------|------------|-------------|------------|-------------|
| Internal part number | 0925.9730 | | 0925.9731 | | 0925.9732 | |
| Light colour | red | red | green | green | yellow | yellow |
| Forward current DC $I_{F,max.}$ [mA] | 40 | 30 | 40 | 30 | 40 | 30 |
| Power dissipation $P_{tot,max.}$ [mW] | 130 | 100 | 130 | 100 | 130 | 100 |
| 2. Characteristics (typ. At $T_j=25^{\circ}\text{C}$) | | | | | | |
| Forward Voltage at $I_F=10\text{mA}$, U_F typ. [V] | 2.0 (<2.6) | 2 at 20mA | 2.0 (<2.6) | 2.4 at 20mA | 2.0 (<2.6) | 2.4 at 20mA |
| Luminous intensity at $I_F=10\text{mA}$, I_v typ. [mcd] | 11.2 - 28 | 6.3 to... | 18 - 45 | 6.3 to... | 11.2 - 28 | 6.3 to... |
| Viewing angle typ. [degree] | 50 | 60 | 50 | 60 | 50 | 60 |
| Peak wave length typ. [nm] | 635 | 635 | 565 | 565 | 586 | 585 |
| Reverse voltage U_R typ. [V] | 5 | 6 | 5 | 6 | 5 | 6 |

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