

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

Ausführungen Models	Abmessungen Dimensions	Frontplattenbohrung Frontpanel drilling
Innenreflektor Internal reflector mit Vorwiderstand with built-in resistor ohne Vorwiderstand without built-in resistor	Technical drawing of the internal reflector showing two views. The top view shows a cylindrical component with a diameter of $\phi 10$. It has a total length of max 32 mm. A section line indicates a cross-section with a maximum width of 6 mm at the base and 2 mm at the top. The distance from the base to the center of the LED chip is 9.4 mm. The LED chip itself is 1.4 mm wide. The mounting hole is M8 x 0.75. The bottom view shows the same component without the built-in resistor, with a total length of max 19.5 mm and a distance of 14.9 mm from the base to the center of the LED chip.	Diagram showing the front panel drilling required for the internal reflector. It features a central circular hole with a diameter of 8.4 mm, surrounded by a square outline representing the panel shape.
Außenreflektor Outside reflector mit Vorwiderstand with built-in resistor	Technical drawing of the outside reflector showing two views. The top view shows a cylindrical component with a diameter of $\phi 10$. It has a total length of max 32 mm. A section line indicates a cross-section with a maximum width of 6 mm at the base and 2 mm at the top. The distance from the base to the center of the LED chip is 9.4 mm. The LED chip itself is 1.4 mm wide. The mounting hole is M8 x 0.75. The bottom view shows the same component without the built-in resistor, with a total length of max 26.4 mm and a distance of 26.4 mm from the base to the center of the LED chip.	Diagram showing the front panel drilling required for the outside reflector. It features a central circular hole with a diameter of 8.4 mm, surrounded by a square outline representing the panel shape.

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

4. Montageart / Mounting type

Frontplattenmontage mit Lötanschlüssen / Frontpanel mounting with solder terminals

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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 ☐	0035.0607
				grün green ☐	0035.0608
				gelb yellow ☐	0035.0609
ohne Vorwiderstand without built-in resistor 	Gehäuse schwarz matt Body black dull		Farbe der LED Colour of LED	rot red ☐	0035.0726
				grün green ☐	0035.0727
				gelb yellow ☐	0035.0728
Zubehör Accessories	Federscheibe Spring lock washer			☐	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 ☐	0035.0664
				grün green ☐	0035.0665
				gelb yellow ☐	0035.0666
		24V		rot red ☐	0035.0667
				grün green ☐	0035.0668
				gelb yellow ☐	0035.0669
Zubehör Accessories	Federscheibe Spring lock washer		☐	0638.1004	

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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 _U =25°C)						
Forward Voltage at I_f =10mA, 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 =10mA, 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 lenght typ. [nm]	635	635	565	565	586	585
Reverse voltage U_r typ. [V]	5	6	5	6	5	6