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SCHMERSAL
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NMLGB

- **flat dome**
- **for Ba9S LED's**

Data

Ordering data	
Product type description	NMLGB
Article number (order number)	101174520
EAN (European Article Number)	4250116201396
eCl@ss number, Version 9.0	27-37-12-11
Certifications	
Certificates	cULus IPA
General data	
Product name	NML - Illuminated signal
Standards	EN 60947-5-1 IEC/EN 60947-1
Versions	LED - Indicator light - Front plate mounting Round Flat dome
Installation conditions (mechanical)	arbitrarily
Sealing type	Membrane Lip gaskets Form seals
Material of the dome	PA (12)
Material of the front ring	ABS, chrome-plated
Colour of the dome	Yellow
Colour of the front ring	Silver
Gross weight	30 g

General data - Features	
Illuminable	Yes
Mounting flange	Yes
Fully insulated	Yes
Mechanical data	
Mounting	Mounting flange ELM
Tightening torque of the screw	0.6 Nm
Mechanical data - Dimensions	
Diameter total	44.5 mm
Height of the dome	2 mm
Diameter of the dome	26 mm
Diameter hole	22.3 mm
Diameter hole, with tolerance indication	22.3 + 0.4 mm
Thickness, of the front panel, minimum	1.5 mm
Thickness of the front panel, maximum	6 mm
Spacing	50 x 50 mm
Ambient conditions	
Protection class	IP67 IP69K
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+80 °C
Status indication	
Note (Integral System Diagnostics, status)	for 24 VAC/DC
Scope of delivery	
Note (included in delivery, number and type)	Mounting flange ELM is included in delivery

Documents

Operating instructions and Declaration of conformity
(1,3 MB, 10.05.2019, Revision B)
BG-test certificate
(286,7 kB, 28.04.2020)

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UL Certificate

(413,7 kB, 01.08.2019)

IPA Data

(242,8 kB, 10.05.2019, Revision A)

Brochure

(8,7 MB, 10.05.2019, Revision 03)

Pictures

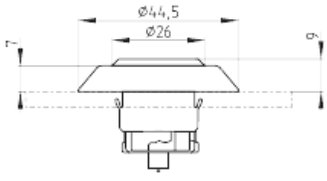
Product picture (catalogue individual photo)



ID: knm--f03

| 37,3 kB | .png | 74.083 x 66.322 mm - 210 x 188 Pixel - 72 dpi
| 433,3 kB | .jpg | 352.778 x 316.794 mm - 1000 x 898 Pixel - 72 dpi
| 60,2 kB | .jpg | 23.223 x 20.828 mm - 320 x 287 Pixel - 350 dpi

Dimensional drawing basic component



ID: knml-g01

| 64,3 kB | .jpg | 352.778 x 186.267 mm - 1000 x 528 Pixel - 72 dpi
| 2,2 kB | .png | 74.083 x 39.158 mm - 210 x 111 Pixel - 72 dpi
| 19,7 kB | .cdr |
| 18,9 kB | .jpg | 112.889 x 59.619 mm - 320 x 169 Pixel - 72 dpi

System components

Light terminal block EL

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101006534 ELE230

- not suitable for operation with filament lamp or glow lamp



101006529 ELE

- Print with LED symbol



101167368 ELEK

- Print with LED symbol

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101167385 ELDEKWS24

- Cage clamps
- Mounting flange position 3
- white LED
- 24 VAC/DC



101167382 ELDEKGB24

- Cage clamps
- Mounting flange position 3
- yellow LED
- 24 VAC/DC

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.
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