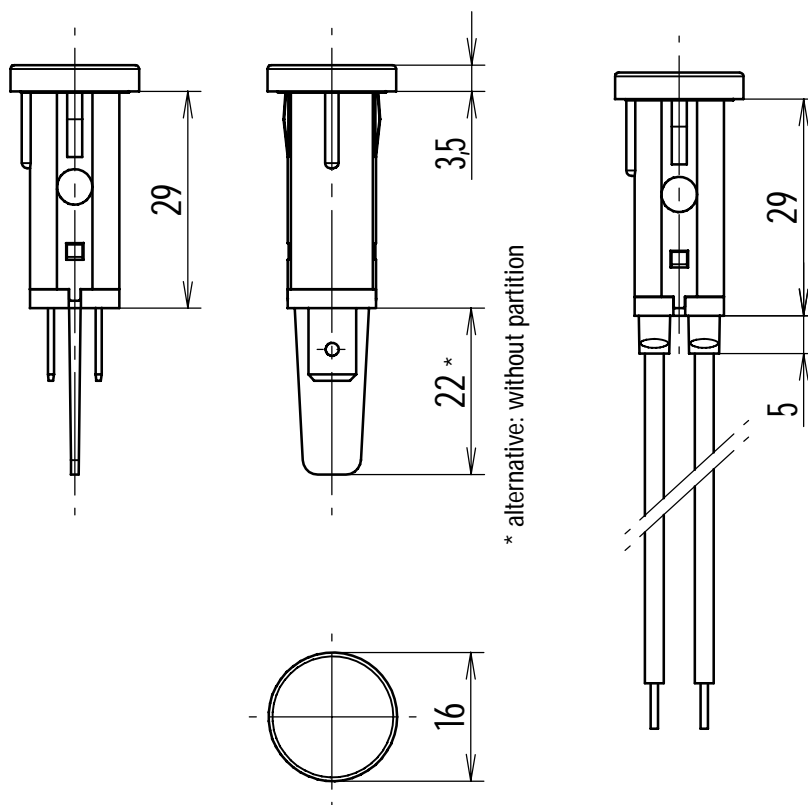




Indicator Light Type 121



Tolerances unless otherwise stated: ± 0.2

Scale: 1:1

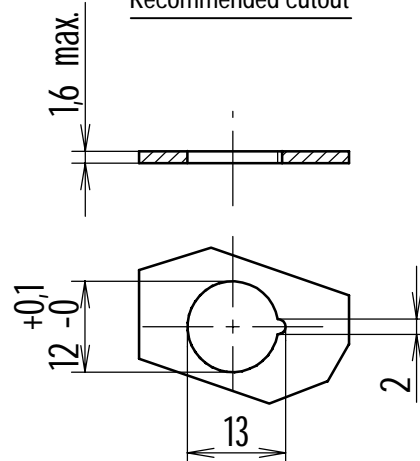
Indicator light for building in.

Body in two soldered pieces (body white, lens in transparent colours) increases light output, compared with others with transparent housing in one piece.

Different voltages, colours, connections, lighting technologies, resistances to temperature, conformity marks and also with special specifications available.

For details, please see our web page.

Recommended cutout



On introducing side no sharp edges!

Scale: 1:1



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Technical specifications series 121

This indicator light for building in is designed for general use and snap-in mounting to panel. The housing is composed of three thermoplastic pieces, the socket, the lens and the housing itself. The lens is available in transparent colours and soldered by ultrasonics to the white housing, which incorporates the fixing elements. In the socket are placed the connection and lighting means.

Following specifications are a guide for end users:

Connection means: Tabs (male terminals) 6.3 x 0.8, Lead wires (cables), flexible of 0.5 mm² cross section, according to temperature and standard.

Ambient temperature: To be used at an ambient temperature of maximum 85 °C and 120°C.

Rated voltage: 220V, please see "Lighting means"


Nature of supply: AC and DC.

Lighting means Neon glowlamp for either DC or AC.

Colours of lens: Red transparent, green transparent, amber (orange transparent), colourless (clear transparent) and blue transparent.

Colours of lighting means: Glowlamp: orange (normal type) with integrated fluorescent: green and blue.

Applicable standard: VDE 0710 and, as far as applicable, IEC 598 (EN 60 598).

Conformity marks: 

Voluntary conformity marks: 

Notes and other technical specifications:

Life expectancy: Glowlamps have an average life of 30.000 hours at ambient temperature of 25°C.

These values are given for AC supply and standard types. Please ask for specifications for other types.

Quench resistor: Indicator lights with glowlamp can light a little bit because of the proximity of induction, a lot of cables, or large currents in the mains, even if one pole of the source is disconnected. This phenomenon is solved either with two pole disconnection or incorporating an additional parallel resistor.

Other voltages: Under request also other voltages for different natures of supply can be offered.

Other colours of lighting means: The orange colour of glowlamp, normally red orange, is also available in pinky orange ask for special quote.

Other ambient temperature: If the indicator light has to work at other ambient temperatures, ask for special quote.

Brightness: Our indicator has high brightness light output. Other brightnesses available under request. The life expectancies vary from those specified above.

Design of lens: The standard execution incorporates a lens with inner circular grooves. Under request, we can also supply the lens without this detail and with a diffusing matt internal surface.

Order Instructions

For orders, please indicate: Type reference, colour of lens, lighting mean and his colour, maximum temperature of use and connection means (if tabs, also if the socket has to be without partition).

Examples: Indicator light type 121, green transparent lens, green fluorescent glowlamp, 120°C, tabs 6.3 x 0.8, or: Indicator light type 121, red transparent lens, orange glowlamp, 85°C, lead wires (cables).

Any special requirement (f. e. specific plastic raw material, quench resistor and his ohmic value, other ambient temperature, other voltage, lens without circular grooves, a. s. o) is considered a special execution and his supply and order identification has to be confirmed specially by us.

These details are necessary for the first order and to be in accordance with the prescriptions of product identification of the standard(s) and (or) of the certification institute(s).

For following orders this can be substituted by a code of ten numbers which we assign to all our products and coincides with our drawing number.