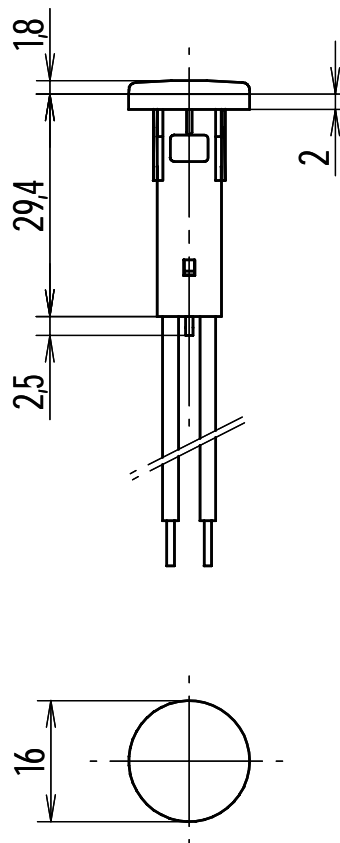




Indicator Light Type 176



Tolerances unless otherwise stated: ± 0.2

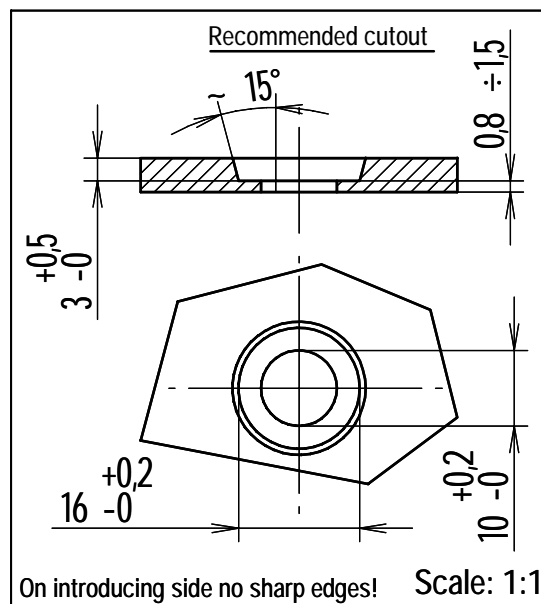
Scale: 1:1

Indicator light for building in fixed by snap-in.

Designed to meet IP 56 protection grade.

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

For details, please see our web page.





electrónica de precisión, s.a.

C./ Galileu, 17 Polígono Industrial Can Estella
E-08635 Sant Esteve Sesrovires
BARCELONA

Tel.: +34 93 774 69 10
Fax.: +34 93 774 65 00
e-mail: epsa@edep.com
http://www.edep.com



Technical specifications series 176

This indicator light for building in is designed for general use, snap-in mounting to panel and to meet IP 56 protection grade.

The housing is composed of two thermoplastic pieces, the socket and the housing itself. The housing is available in transparent colours inside the socket and are placed the connection and lighting means.

Following specifications are a guide for end users:

Connection means: Lead wires (cables) .

Ambient temperature: To be used at an ambient temperature of maximum 90 °C (add B to the type reference) .

Rated voltage: 250V (can be used down to 220V) .

Nature of supply: AC and DC.


Lighting mean: The lighting mean is a neon glowlamp.

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.

Degree of protection: IP 56 (outward, when fixed in recommended cutout) .

Applicable standard: VDE 0710, as far as applicable, IEC 598 (EN 60 598) and EN 60529.

Conformity marks: 

Voluntary conformity marks: 

Notes and other technical specifications:

Life expectancy: Neon glowlamps have an average life of 30.000 hours at ambient temperature of 25°C. This value is 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 lens: Under request and price increase other lens colours can be manufactured. The orange colour of glowlamp, normally red orange, is also available in pink y orange 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.

Cables: The indicator is connected through flexible lead wires of 0.5 mm² cross section, which are approved conductors.

Order Instructions

For orders, please indicate: Type reference with additional "B", colour of housing (lens) , emitted colour of glowlamp, if quenching resistor is desired and , if so, what preferred value (270k Ohm min.)

Example: Indicator light type 176B, green transparent, green fluorescent glowlamp.

Any special requirement (f. e. for specific plastic raw material, other voltages, other connection means, other ambient temperatures of use, other lighting means, 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.