

Control and signalling devices

LED indicator lamp for panel mounting

8013/312-al Art. No. 269660



- Beneficial LED technology: Extremely long service life, high luminance, low heat build-up
- For installation in enclosure wall, enclosure cover, panels or control cabinets
- Versions with spring clamp terminal with connection chamber or versions with prefabricated connection cable and connection chamber are available

MY R. STAHL 8013B



R. STAHL Series 8013 LED indicator lamps show command statuses via a light signal, the colour of which can be determined using the colour filter included in the delivery: Red, yellow, green, blue or white. The long-lasting LED ensures high luminance and low heat build-up. Versions with spring clamp terminal and versions with prefabricated connection cable and connection chamber are available.

Technical Data

Explosion Protection

Scope of validity	European Union (ATEX) IECEX
Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX PTB 07.0012 U
IECEX gas explosion protection	Ex db eb mb IIC Gb
ATEX gas certificate	PTB 02 ATEX 2130 U
ATEX gas explosion protection	Ⓔ II 2 G Ex db eb mb IIC Gb
Certificates	ATEX (PTB), China (CQST), IECEX (PTB)
Declaration of Conformity	ATEX (EUK), China (CCC)
Notes	Product label may vary. Series devices are labelled with ATEX and IECEX.

Electrical Data

Rated operational voltage AC	12 – 254 V
Rated operational voltage DC	12 ... 254 V
AC UL rated operational voltage	10.8 – 254 V
Voltage tolerance	-10 to +6%
Rated operational current	2.5 mA
Frequency	0 to 60 Hz
Rated operational power	0.6 W
Electrical service life	10 ⁵ lighting hours

Lighting Data

Lamp	White LED
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Lighting Data

Luminous colour	Blue Green Red White Yellow
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Ambient Conditions

Ambient temperature	-30 °C ... +60 °C
Ambient temperature	-22 °F ... +140 °F

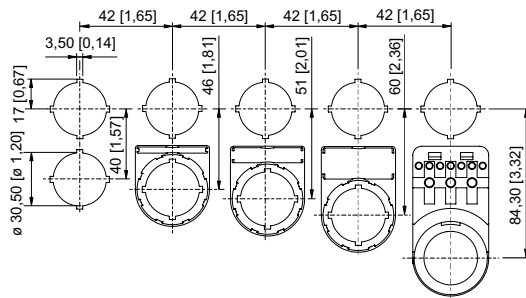
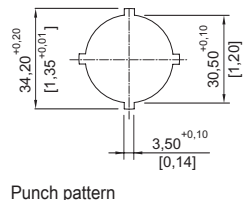
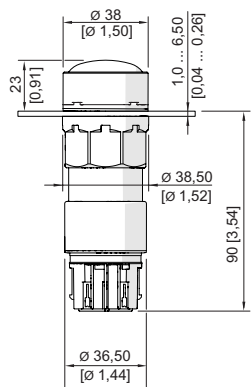
Mechanical Data

Version	Without connection chamber
Degree of protection (IP) (IEC 60529)	Reverse side IP20, front side IP66
Enclosure material	Polyamide
Silicone-free	Yes
Connection cross-section	0.5 ... 2.5 mm ²
Connection cross-section AWG	18 AWG ... 12 AWG
Packaging unit	1
Weight	140 g
Weight	0.309 lb

Mounting / Installation

Tightening torque	1.2 Nm
Tightening torque lbf in	10.62 lbf in
Connection	Spring terminal connection

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Cut-out with/without additional designation plate

8013/3.2 indicator lamp without connection chamber

Spare Parts

Lens



	Art. No.
red	155842
yellow	155834
green	155852
blue	155860
white	155824

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Closing part

Art. No.



8602C3-733-B
for closing unused holes in cover, dia. 30.5 mm, NBR

244306

8602C3-733-S
for closing unused holes in cover, dia. 30.5 mm, silicone

244307

Insert discs for label holder

Art. No.



One-line
Plain
Material: PVC
Colour: White
Self-adhesive

238271



Two-line
Plain
Material: PVC
Colour: White
Self-adhesive

238272



Three-line
Plain
Material: PVC
Colour: White
Self-adhesive

238273

Label holder

Art. No.



Label holder, size 1, without insert disc
Labelling: 1-line
can be installed in dia. 30.5 mm drilled holes for actuators

155632



Label holder, size 2, without insert disc
Labelling: 1- or 2-line
can be installed in dia. 30.5 mm drilled holes for actuators

155687



Label holder, size 3, without insert disc
Labelling: 1-, 2- or 3-line
can be installed in dia. 30.5 mm drilled holes for actuators

155844

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.