
**1 Contact type**
**W** Changeover contact

**2 Lighting**
**RG** red/green (bi-color)

**3 Identification no.**
**2** Button rounded

**4 Connection type**
**K** Cable

**KS** Plug

**5**

| Cable length <i>l</i> in meter |                    | <b>d</b>          |                    | <b>A/F</b> |
|--------------------------------|--------------------|-------------------|--------------------|------------|
| Connection type K              | Connection type KS | Connection type K | Connection type KS |            |
| 2                              | 5                  | 0,25              | 6                  | 22         |

### Specification

- Button  
Stainless Steel AISI 304
- Cable (Outer sheath)  
Polyurethan PUR  
black
- Hexagon nut  
Stainless Steel AISI 304
- *IP-Protection classes* → Page 1482
- *Plastic characteristics* → Page 1483
- **RoHS**

### Accessory

- Cables with connector coupling M12x1  
GN 330 → Page 1004

### Information

GN 3310 switches with an illuminated push button come with a changeover switch and integrated LED ring light.

When the button is pressed, an electrical control impulse to switch off a machine, for example, can be triggered based on the wiring of the contacts (NC or NO).

Independent whether or not the button is actuated, the integrated LED ring lighting shines either red or green depending on the polarity of connections 1 and 2 of the LED.

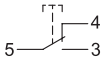
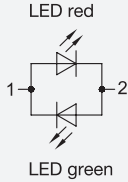
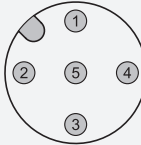

see also...

- Cabinet „U“ handles GN 422 (with power switching function) → Page XYZ

#### How to order

|          |                              |
|----------|------------------------------|
| <b>1</b> | <b>Contact type</b>          |
| <b>2</b> | <b>Lighting</b>              |
| <b>3</b> | <b>Identification no.</b>    |
| <b>4</b> | <b>Connection type</b>       |
| <b>5</b> | <b>Cable length <i>l</i></b> |

**GN3310-W-RG-2-K-5**

| Electrical and mechanical properties  |   |   |
|---|---|---|
| <b>Button</b><br>Contacts<br>Contact material<br>Switching voltages<br><br>Switching current<br>mech. lifespan<br>elect. lifespan | Changeover contact, snap contact<br>silver alloy<br>max. 125 V (plug)<br>max. 240 V (cable)<br><br>max. 3 A<br>10 <sup>6</sup> switching cycles<br>50,000 switching cycles (under full load)                              |   |
| <b>LED ring lighting</b><br>Operating voltage /<br>Operating current<br>bi-color (red / green)                                    | 24 V DC ± 10 % / 7 mA   |   |
| <b>Category of use (button)</b>   | AC 15: 24 V AC / 1 A / DC 13: 24 V DC / 0.7 A<br>AC 15: 110 V AC / 1 A / DC 13: 110 V DC / 0.2 A<br>AC 15: 220 V AC / 0.5 A / DC 13: 220 V DC / 0.1 A<br><br>AC: 120 V AC / 5 A / DC: 12 V DC / 1 A<br>AC: 240 V AC / 3 A | acc. to IEC 60947-5-1<br><br>acc. to UL 508   |
| <b>Connection type</b><br>Cable (K)<br>or<br>Plug (S)<br><br>Protection class   | PUR cable with open stranded wires (2 m or 5 m)<br><br>5-pin connector M12x1 with PUR cable 0.25 m<br><br>IP 67   |  <ul style="list-style-type: none"> <li>1 - brown</li> <li>2 - white</li> <li>3 - blue</li> <li>4 - black</li> <li>5 - gray</li> </ul> Pin configuration and cable assignment |
| <b>Tightening torque</b>  | min. 5 Nm / max. 12 Nm  |   |
| <b>Mounting cut-out</b>   | $\varnothing 19^{+0.3}_{+0.1}$  |   |
| <b>Approvals, conformities</b><br>CE declaration  |    |   |

1.1

1.2

1.3

1.4

2.1

2.2

2.3

2.4

