

Switches

with Illuminated Push Button

SPECIFICATION

Contact type

- Type **W**: Changeover contact

Lighting

- Lighting **RG**: Red/green (bi-color)

Identification no.

- Identification no. **2**: Button rounded

Connection types

- Connection type **K**: Cable

- Connection type **KS**: Plug

Button

Stainless Steel AISI 304

Cable (Outer sheath)

Polyurethan PUR

black

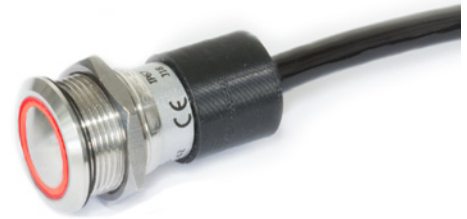
Hexagon nut

Stainless Steel AISI 304

Light guide

Plastic

crystal-clear Polycarbonate (PC)



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.

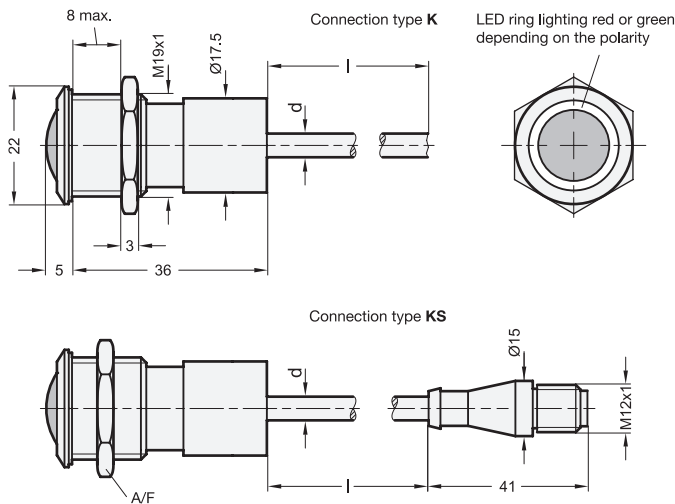
TECHNICAL INFORMATION

- IP Protection classes (see page A23)

- Plastic characteristics (see page A2)

ACCESSORY

- Cables with connector coupling M12x1 GN 330 (see page 1448)

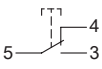
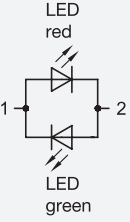
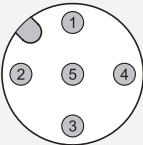


GN 3310

Description	Cable length l in meter	d	A/F	⚖
GN 3310-W-RG-2-K-2	2	6	22	126
GN 3310-W-RG-2-K-5	5	6	22	273
GN 3310-W-RG-2-KS-0.25	0.25	5	22	52





Electrical and mechanical properties	
Button	
Contacts	Changeover contact, snap contact
Contact material	silver alloy
Switching voltages	max. 125 V (plug) max. 240 V (cable)
Switching current	max. 3 A
mech. lifespan	10 ⁶ switching cycles
elect. lifespan	50,000 switching cycles (under full load)
	
LED ring lighting	
Operating voltage / Operating current bi-color (red / green)	24 V DC ± 10 % / 7 mA
	
Category of use (button)	
	AC 15: 24 V AC / 1 A / DC 13: 24 V DC / 0.7 A AC 15: 110 V AC / 1 A / DC 13: 110 V DC / 0.2 A AC 15: 220 V AC / 0.5 A / DC 13: 220 V DC / 0.1 A
	according to IEC 60947-5-1
	AC: 120 V AC / 5 A / DC: 12 V DC / 1 A AC: 240 V AC / 3 A
	according to UL 508
Connection type	
Cable (K) or Plug connector (S)	PUR cable with open stranded wires (2 m or 5 m) 5-pin connector M12x1 with PUR cable 0.25 m
Protection class	IP 67
	 <ul style="list-style-type: none"> 1 - green 2 - white 3 - yellow 4 - gray 5 - brown
	Pin configuration and cable assignment
Tightening torque	5 - 12 Nm
Mounting cut-out	Ø 19 ^{+0.3} ₀
Approvals, conformities	
CE declaration	