

- 3 Type**  
**T0** Without button  
**T1** With 1 button  
**T2** With 2 buttons
- 4 Identification no.**  
**1** Without emergency stop  
**2** With emergency stop

**Metric table**

Dimensions in: millimeters - inches

Length <i>l</i> ±0.25	d Thread	b <sub>1</sub>	b <sub>2</sub>	h <sub>1</sub>	h <sub>2</sub>	t min.
200 7.87	M 8	27 1.06	17 0.67	51 2.01	68 2.68	15 0.59
300 11.81	M 8	27 1.06	17 0.67	51 2.01	68 2.68	15 0.59

**Specification**

- Tube Ø 30x1.5 mm  
Aluminum  
- Powder coated  
Black, RAL 9005, textured finish **● SW**  
- Anodized finish, natural color **● EL**
- Handle legs  
Zinc die-cast  
Powder coated  
Black, RAL 9005, textured finish
- Cover  
(for identification no. 1 instead of emergency stop)  
Plastic, light gray
- Temperature range:  
-13 °F to +131 °F (-25 °C to +55 °C)
- Load Rating Information → page 2068
- IP Protection Classes → page 2130
- RoHS compliant

**Accessory**

- Cables with connector coupling GN 330  
→ page 1436

**Information**

Tubular handles GN 331 are available with various options for emergency stops and buttons. They can be used for activating individual functions of a machine control, such as unlocking the safety lock of a housing door right on the handle.

The possible switching operations depend on the options and are described below. For types T1 and T2, one set of caps (consisting of the colors red, green, and blue) is supplied for each button.

The red or green LED lights up regardless of whether the button is pressed and can be used to indicate the status of a control, for example.

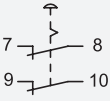
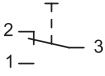
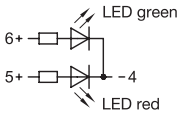
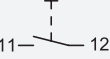
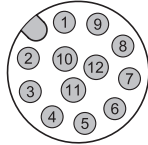
see also...

- Tubular Handles GN 333.1 (with Straight Legs) → page 164
- Tubular Handles GN 332 (with Angled Legs, with Power Switching Function) → page 170
- Cabinet "U" Handles EN 628.4 (Plastic, with Power Switching Function) → page 132


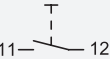
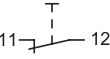

How to order	1 Length <i>l</i>
<b>GN 331-300-EL-T2-1</b>	2 Finish
	3 Type
	4 Identification no.

**Characteristics of the standard versions GN 331**

GN 331 tubular handles have the CE marking, low voltage guideline 2014 / 35 / EU

<b>Emergency stop</b>	2-channel, normally closed contact	
<b>1st button with 2 LED</b>	Changeover contact	
	LED, red and green	
<b>2nd button</b>	Normally open contact	
<b>Contact termination, pin configuration</b>	Plug M12x1, 12-pole	
<b>Switching voltage / switching current</b>	Max. 24 V DC / max. 0.5 A	
<b>Operating voltage (LEDs)</b>	24 V DC ±15% / 10 mA	
<b>Protection class</b>	IP 67 (in screwed condition)	
<b>Button color</b>	For each button a set of caps is included in the colors red, green, blue	

**Additional variations as special version**

<b>Emergency stop</b>	1-channel	
<b>Number of buttons &gt; 2 Button optional with</b>	Normally open contact	
	Normally closed contact	
	Changeover contact	
<b>Button with labeling area</b>	