Tubular handles with power switching function





Aluminium tube

- Version SW: RAL 9005 black, matte finish, epoxy resin coating.
- Version **EL**: anodised, natural colour, matte finish.

Handle shanks

Zinc alloy die-cast, RAL 9005 black colour, matte finish, epoxy resin coating.

• Tube end caps

Plastic, light grey (for version without emergency stop).

- Type **TO**: without button.
- Type **T1**: with one button.
- Type **T2**: with two buttons.

- Emergency stop Identification no. 1: without emergency stop.
 - Identification no. 2: with emergency stop.

Accessories on request

Cables with connector coupling GN 330 (see page 206).

Features and applications

Tubular handles GN 331 with power switching function are suitable for unlocking safety tumblers in rotating, detachable or side-sliding safety devices which must be closed in order to safeguard the required operational safety. By integrating functions such as emergency stop, start, release, reset and LED status display, this tubular handle allows the machine to be monitored and operated directly at the door or gate.

Tubular handles GN 331 save mounting and installation work, are attractively designed and optimise ergonomy: the switching and operating functions are located precisely where they are needed.



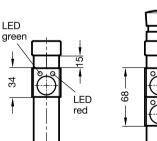
Application example:

with emergency stop

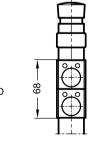
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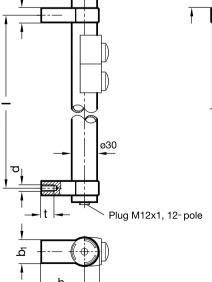
with one button

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with emergency stor and 2 buttons





Standard Elements	Main dimensions					Mounting holes		44
Description	I ±0.25	b 1	b 2	hı	h2	d	tmin.	g
GN 331-200-SW-T0-2	200	27	17	51	68	M8	15	360
GN 331-200-EL-T0-2	200	27	17	51	68	M8	15	360
GN 331-200-SW-T1-1	200	27	17	51	68	M8	15	450
GN 331-200-EL-T1-1	200	27	17	51	68	M8	15	450
GN 331-200-SW-T1-2	200	27	17	51	68	M8	15	475
GN 331-200-EL-T1-2	200	27	17	51	68	M8	15	475
GN 331-200-SW-T2-1	200	27	17	51	68	M8	15	490
GN 331-200-EL-T2-1	200	27	17	51	68	M8	15	490
GN 331-200-SW-T2-2	200	27	17	51	68	M8	15	500
GN 331-200-EL-T2-2	200	27	17	51	68	M8	15	500
GN 331-300-SW-TO-2	300	27	17	51	68	M8	15	620
GN 331-300-EL-T0-2	300	27	17	51	68	M8	15	620
GN 331-300-SW-T1-1	300	27	17	51	68	M8	15	640
GN 331-300-EL-T1-1	300	27	17	51	68	M8	15	640
GN 331-300-SW-T1-2	300	27	17	51	68	M8	15	675
GN 331-300-EL-T1-2	300	27	17	51	68	M8	15	675
GN 331-300-SW-T1-1	300	27	17	51	68	M8	15	690
GN 331-300-EL-T1-1	300	27	17	51	68	M8	15	690
GN 331-300-SW-T2-2	300	27	17	51	68	M8	15	720
GN 331-300-EL-T2-2	300	27	17	51	68	M8	15	720



Technical data							
The tubular handles have the CE marking low voltage guideline 06/95/EG							
Emergency stop	2 channel	Emergency stop button-2Ö 7					
1st Button Release button	Changeover contact	Changeover contact T 2 1 1 1 1					
	2 LED, red and green	LED red LED green UB max. 24 V DC					
2nd Button Start button	Maker without LED	Maker T 11 11 12					
Button colour	for each button a set of caps is included, in this colours: red, green, blue						
Switching voltage	max. 30 V AC max. 1,5 A						
Operating voltage (LEDs)	24 V DC ± 15%						
Contact termination	M12x1, 12-pole						
Pin configuration	Plug 12-pole BU (2) WH (3) VT (10) GN (4) GYPK (11) PK (5) YE (6) GY (8) BK (7) RDBU (12)						
Protection class	IP 67						

Additional variations as special application					
Emergency stop	1 channel	Emergency stop button-1Ö 7 ——— 8			
Number of buttons	> 2				
Button optional with	Maker	Maker T I 11————————————————————————————————			
	Breaker	Breaker T I 11 12			
	Changeover contact	Changeover contact T 2 1 1 1			
Button with labelling area	RESET				