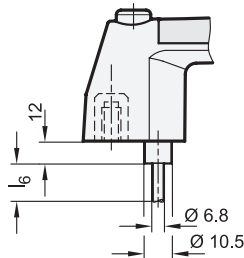
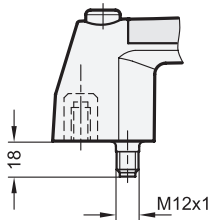


- 2 Type**
- T With button
- 3 Identification no.**
- 1 Contact block 1 NC / 1 NO
- 2 Contact block 2 NC
- 4 Connection type**
- KU Cable below
- SU Plug below

Connection type **SU**

Connection type **KU**



1

5

$l_1 \pm 1$	b	d	h_1	h_2	h_3	l_2	l_3	l_4	l_5	t	Cable length l_6 in meters Connection type KU	
180	35	M 6	70	65	24	212,5	113	20	29	12	2,5	5

Specification

- Handle
Plastic (Polyamide PA)
- Glass fiber reinforced
- Self-extinguishing, UL-94 V0
- Temperature resistant up to 50 °C
- Black, matte finish
- LED light diffuser
Plastic (Polycarbonate PC)
- Self-extinguishing, UL-94 V0
- Semi-transparent, white
- Button
Plastic (Polyamide PA), black
- Threaded bushings
Brass
- Cable (outer sheath)
Polyurethane PUR, black
- IP Protection Classes → Page QVX
- Plastic Characteristics → Page QVX
- RoHS

Accessory

- Cables with Connector Coupling GN 330 (8-pole, 5 oder 10 meters long) → Page 1412

Information

Cabinet U-handles GN 6284 have a button and RGB LED lighting on the back of the handle.

Depending on the identification no., the button is fitted with a break or make contact or two break contacts and triggers an electrical control signal, such as for a machine control.

The integrated RGB LED handle lighting can serve as a status indicator for a controller, for example. Various colors can be realized by combining red, blue and green light. The combinations can be found in the table.

Complementary cabinet U-handles without switching function are available as GN 6284.1.

see also..

- Cabinet U-Handles GN 422 (with Electrical Switching Function) → Page 128
- Cabinet U-Handles GN 628.4 (with Electrical Switching Function) → Page 136
- Cabinet U-Handles GN 6284.1 (without Switching Function) → Page QVX

How to order (with plug)	1	l_5
	2	Type
	3	Identification no.
	4	Connection type
GN6284-180-T-1-SU		

How to order (with cable)	1	l_1
	2	Type
	3	Identification no.
	4	Connection type
	5	l_6
GN6284-180-T-2-KU-2,5		



Electrical and mechanical properties																																		
Button Contacts Contact material Contact resistor Contact voltages / current Mech. contact lifespan Lifespan Actuation force / distance	Changeover contact, slow-action contact Silver alloy 25 mΩ max. 30 V / 2,5 A (cable) max. 250 V / 4 A (plug) 3600 cycles/hour as per DIN EN 60947-5-1 10 ⁷ switching cycles 30N (IP67) / 5mm	Identification no. 1 Identification no. 2 																																
Category of use	DC-13: 24 V DC / 2A (plug) AC-15: 240 V AC / 3A / DC-13: 240 V DC / 0,4A (cable)	as per DIN EN 60947-5-1																																
LED handle lighting Operating voltage / current LED connection Type RGB (see operating instruction)	24 V DC ± 10 % / 120 mA <table border="1"> <thead> <tr> <th>LED colors</th> <th>blue (1)</th> <th>red (6)</th> <th>green (7)</th> </tr> </thead> <tbody> <tr> <td>red</td> <td>off</td> <td>on</td> <td>off</td> </tr> <tr> <td>green</td> <td>off</td> <td>off</td> <td>on</td> </tr> <tr> <td>blue</td> <td>on</td> <td>off</td> <td>off</td> </tr> <tr> <td>yellow</td> <td>off</td> <td>on</td> <td>on</td> </tr> <tr> <td>light blue</td> <td>on</td> <td>off</td> <td>on</td> </tr> <tr> <td>violet</td> <td>on</td> <td>on</td> <td>off</td> </tr> <tr> <td>white</td> <td>on</td> <td>on</td> <td>on</td> </tr> </tbody> </table>	LED colors	blue (1)	red (6)	green (7)	red	off	on	off	green	off	off	on	blue	on	off	off	yellow	off	on	on	light blue	on	off	on	violet	on	on	off	white	on	on	on	
LED colors	blue (1)	red (6)	green (7)																															
red	off	on	off																															
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yellow	off	on	on																															
light blue	on	off	on																															
violet	on	on	off																															
white	on	on	on																															
Connection type Cable (KU) Maximum bending radius or Plug (SU) Protection class	PUR cable with open stranded wires (2.5 or 5 m) > 70 mm 8-pin plug M12x1 IP 67	Pin configuration and cable assignment 																																
B10_a -Wert	20 000 000	as per DIN EN 13849-1																																
Short-circuit protection	4A 500V gG																																	
Rated insulation voltage	30 V AC/DC (plug) und 250 AC (cable)																																	
Degree of soiling	3	as per DIN EN 61010-1																																
Switching paths diagram (schematic)	Identification no. 1 Identification no. 2 																																	
Approvals, conformity declarations CE marking																																		

Installation holes

The holes must be free of burrs to prevent damage to the cable.

