

**elesa**  
Original design M.2000-SWM



- 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

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 meter Anschlussart KU	
180	35	M 6	70	65	24	212,5	113	20	29	12	2,5	5

Specification

<b>Handle</b>	
Plastic (Polyamide PA)	
• Glass fiber reinforced	
• Self-extinguishing, UL-94 V0	
• Operating temperature -20 °C to +50 °C	
• Black, matte finish	
<b>LED light diffuser</b>	
Plastic (Polycarbonate PC)	
• Self-extinguishing, UL-94 V0	
• Semi-transparent, white	
<b>Button</b>	
Plastic (Polyamide PA), black	
<b>Threaded bushing</b>	
Brass	
<b>Cable (Outer sheath)</b>	
Polyurethane (PUR)	
black	
RoHS	

Technical Information	Page
Electrical and mechanical properties	QVX
Strength Properties	QVX
IP Protection Classes	QVX
Plastic Characteristics	QVX

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 equipped with one NC contact and one NO contact or two NC contacts and triggers an electrical control signal, e.g. for a machine control system.

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.

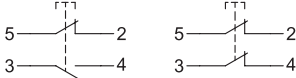
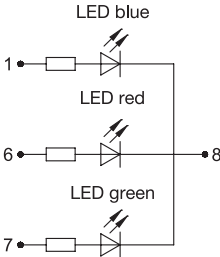
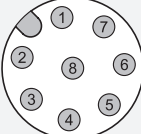
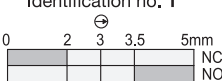
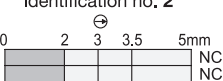
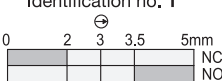
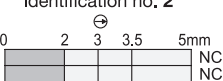
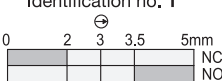
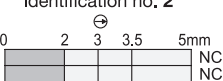

Complementary cabinet U-handles without switching function are available as GN 6284.1.

see also...	Page
GN 422 Cabinet U-Handles (with Electrical Switching Function)	QVX
GN 628.4 Cabinet U-Handles (with Electrical Switching Function)	QVX
GN 6284.1 Cabinet U-Handles (without Switching Function)	QVX

Accessory	
GN 330 Cables with Connector Coupling (8-pole, 5 or 10 meters long)	QVX

How to order (with plug)	
1 $l_1$	
2 Type	
3 Identification no.	
4 Connection type	
<b>GN6284-180-T-1-SU</b>	

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

Electrical and mechanical properties																																			
<b>Button</b> 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 <sup>7</sup> switching cycles 30 N (IP67) / 5 mm	Identification no. 1    Identification no. 2 																																	
<b>Category of use</b>	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																																	
<b>LED handle lighting</b> Operating voltage / current <b>LED connection</b> Type RGB (see operating instruction)	24 V DC ± 10 % / 120 mA <table><tr><th>LED colors</th><th>blue (1)</th><th>red (6)</th><th>green (7)</th></tr><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></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		
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<b>Connection type</b> 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  <table><tr><td>1 - blue</td><td>2 - pink</td></tr><tr><td>3 - brown</td><td>4 - gray</td></tr><tr><td>5 - yellow</td><td>6 - red</td></tr><tr><td>7 - green</td><td>8 - white</td></tr></table>		1 - blue	2 - pink	3 - brown	4 - gray	5 - yellow	6 - red	7 - green	8 - white																								
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<b>B10<sub>d</sub> –Wert</b>	20 000 000	as per DIN EN 13849-1																																	
<b>Short-circuit protection</b>	4A 500V gG																																		
<b>Rated insulation voltage</b>	30 V AC/DC (plug) und 250 AC (cable)																																		
<b>Degree of soiling</b>	3	as per DIN EN 61010-1																																	
<b>Switching paths diagram (schematic)</b>	<table><tr><td colspan="2">Identification no. 1</td><td colspan="2">Identification no. 2</td></tr><tr><td></td><td></td><td></td><td></td></tr></table>			Identification no. 1		Identification no. 2																													
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<b>Approvals, conformity declarations</b> CE marking																																			

Installation holes

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

