

Datasheet

→ **STLI_C005**

03/11/2026



Technical data

Illuminated pushbutton with 4-pole M12 connector

Type	STLI_C005
Series	SHORTRON® connect
Rubric	Pushbutton
Approvals	CE, cURus, ENEC10, VDE, UKCA



→ General data

Design	Round
Illumination	Yes
Labelling option	Yes
Operating temperature	-25 °C ... 70 °C
Panel cut-out	Ø 22.3 mm
Mounting depth	34 mm
Front bezel colour	Silver-coloured
Contact material	AgNi
Storage temperature	-40 °C ... 80 °C
Standards	EN 60947-5-1 EN 61058-1
Degree of protection front	IP65 IP67
Degree of protection rear	IP65 with connected M12 IP67 with connected M12
Material group	I

→ Electrical data

<i>Rated operating voltage</i> IEC/EN 60947-5-1	35 V AC 35 V DC
<i>Rated operating current</i> IEC/EN 60947-5-1	4 A AC 2 A DC
<i>Rated insulation voltage</i> IEC/EN 60947-5-1	50 V AC 50 V DC
<i>Contact resistance</i>	< 50 mΩ NO new state
<i>Electrical lifetime</i>	1,000,000 switching cycles at rated voltage max. 100,000 switching cycles DC13
<i>Utilisation category</i> IEC/EN 60947-5-1	AC-15 DC-13
<i>Contact type</i>	1NO
<i>Illuminant power</i>	max. 14 mA DC 24 V
<i>Illuminant</i>	LED integrated
<i>Operating voltage illuminant</i>	max. 30 V AC/DC
<i>Illuminant colour</i>	White
<i>Bouncing time</i>	< 10 ms NO
<i>Rating information acc. to UL</i>	General Purpose 24 V 2 A DC
<i>Switching capacity</i>	35 V AC 4 A 35 V DC 2 A
<i>Thermal continuous current</i> IEC/EN 60947-5-1	4 A AC
<i>Overvoltage category</i>	II
<i>Pollution degree</i>	2

Safety instructions / assembly instructions

- The plug connector must not be plugged in or unplugged under load
- The individual plug pin may be loaded with max. 4A

Pin assignment

Pin1	NO
Pin2	NO
Pin3	LED-
Pin4	LED+

→ Mechanical data

Connection M12 connector 4-polig A coded

Operating travel 2.3 mm Push button

Tightening torque connection max. 0.4 Nm

Tightening torque fixing nut 1.5 Nm ... 1.9 Nm

Mounting position Any

Mechanical lifetime 1,000,000 switching cycles

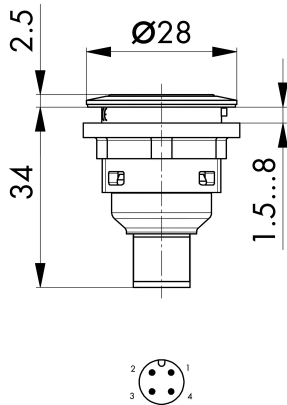
Switching function Momentary function

Safety instructions / installation instructions

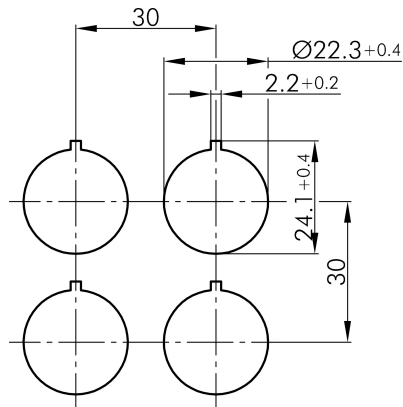
- The M12 connection must not be subjected to mechanical loads, ensure sufficient strain relief!

Technical drawings

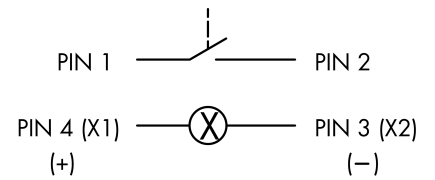
→ Dimensional drawing



→ Cutout dimensions



→ Circuit diagram



→ Switching path diagram

