

Datasheet

→ **STLRRI_C005**

03/12/2026



Technical data

Pushbutton with red ring lighting and 4-pin M12 connection

Type	STLRRI_C005
Series	SHORTRON® connect
Rubric	Pushbutton
Approvals	CE, cURus, ENEC10, VDE, UKCA



Illustration similar

→ General data

Design	Round
Illumination	Yes
Operating temperature	-25 °C ... 70 °C
Panel cut-out	Ø 22.3 mm
Mounting depth	34 mm
Lens colour	Silver-coloured
Front bezel colour	Silver-coloured
Colour illuminated ring	Red
Contact material	AgNi
Storage temperature	-40 °C ... 80 °C
Standards	EN 60947-5-1 EN 61058-1
Ring illumination	Yes

Degree of protection front	IP65 IP67
Degree of protection rear	IP65 with connected M12 IP67 with connected M12
Material group	I

→ Electrical data

Rated operating voltage IEC/EN 60947-5-1	35 V AC 35 V DC
Rated operating current IEC/EN 60947-5-1	4 A AC 2 A DC
Rated insulation voltage IEC/EN 60947-5-1	50 V AC 50 V DC
Contact resistance	< 50 mΩ NO new state
Electrical lifetime	1,000,000 switching cycles at rated voltage max. 100,000 switching cycles DC13
Utilisation category IEC/EN 60947-5-1	AC-15 DC-13
Contact type	1NO
Illuminant power	max. 14 mA DC 24 V
Illuminant	LED integrated
Illuminant connection	X1...anode, X2...cathode
Operating voltage illuminant	max. 30 V AC/DC
Illuminant colour	White
Bouncing time	< 10 ms NO
Rating information acc. to UL	General Purpose 24 V 2 A DC
Switching capacity	35 V AC 4 A 35 V DC 2 A
Thermal continuous current IEC/EN 60947-5-1	4 A AC

Overvoltage category II

Pollution degree 2

Safety instructions / installation instructions

- The plug connector must not be connected or disconnected under load
- The individual connector 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

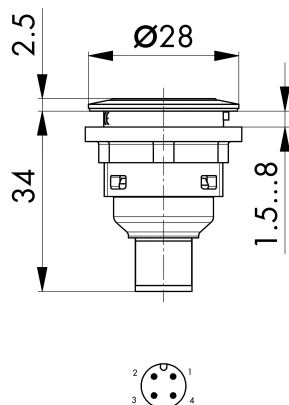
Switching function Momentary function

Safety instructions / installation instructions

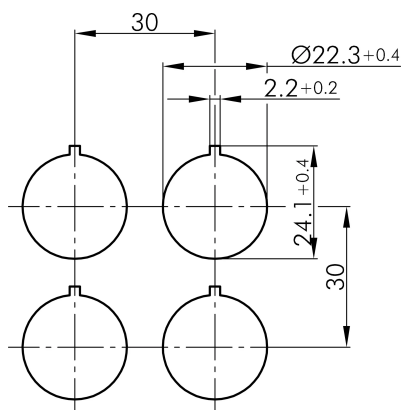
- The M12 connection must not be subjected to mechanical loads, ensure sufficient strain relief!

Technical drawings

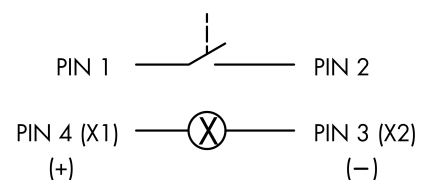
→ Dimensional drawing



→ Cutout dimensions



→ Circuit diagram



→ Switching path diagram

