

Datasheet

→ STOI_C008

03/11/2026



Technical data

Pushbutton with 4-pole M12 connector

Type	STOI_C008
Series	SHORTRON® connect
Rubric	Pushbutton
Approvals	CE, cURus, ENEC10, VDE, UKCA



→ General data

Design	Round
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> <i>IEC/EN 60947-5-1</i>	35 V AC 35 V DC
<i>Rated operating current</i> <i>IEC/EN 60947-5-1</i>	1 A AC 1 A DC
<i>Rated insulation voltage</i> <i>IEC/EN 60947-5-1</i>	50 V AC 50 V DC
<i>Contact resistance</i>	< 50 mΩ NO new state < 50 mΩ NC new state
<i>Electrical lifetime</i>	1,000,000 switching cycles at rated voltage max. 100,000 switching cycles DC13
<i>Utilisation category</i> <i>IEC/EN 60947-5-1</i>	AC-15 DC-13
<i>Contact type</i>	1NC 1NO
<i>Bouncing time</i>	< 10 ms NO < 10 ms NC
<i>Rating information acc. to UL</i>	General Purpose 24 V 2 A DC
<i>Switching capacity</i>	35 V AC 1 A 35 V DC 1 A
<i>Thermal continuous current</i> <i>IEC/EN 60947-5-1</i>	1 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

Pin assignment

Pin1	COM
Pin2	NC
Pin3	n. c.
Pin4	NO

→ Mechanical data

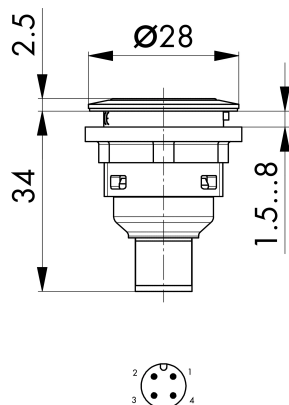
<i>Connection</i>	M12 connector 4-polig A coded
<i>Operating travel</i>	2.3 mm Push button
<i>Tightening torque connection</i>	max. 0.4 Nm
<i>Tightening torque fixing nut</i>	1.5 Nm ... 1.9 Nm
<i>Mounting position</i>	Any
<i>Mechanical lifetime</i>	1,000,000 switching cycles
<i>Switching function</i>	Momentary function
<i>Positive opening</i>	Acc. to EN60947-5-1, appendix K

Safety instructions / installation instructions

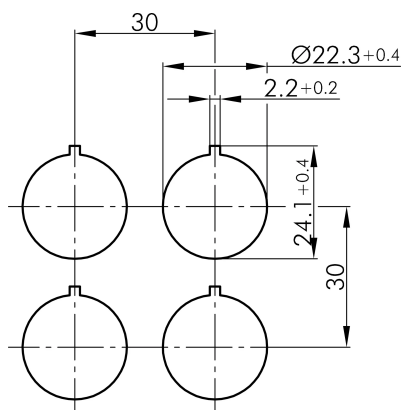
- The M12 connection must not be subjected to mechanical loads, ensure sufficient strain relief!

Technical drawings

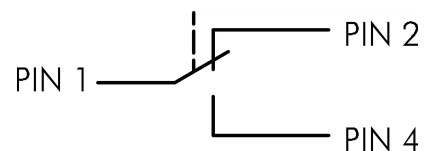
→ Dimensional drawing



→ Cutout dimensions



→ Circuit diagram



→ Switching path diagram

