Datasheet

# ➔ SSSA14OI_C008

03/11/2026

## Technical data

Latching key switch with M12 connection, 4-pin



| | |
|---|---|
| *Type* | SSSA14OI_C008 |
| *Series* | SHORTRON® connect |
| *Rubric* | Key-operated switch |
| *Approvals* | CE, cURus, ENEC10, VDE, UKCA |

## ➔ General data

| | |
|---|---|
| *Design* | Round |
| *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<br>EN 61058-1 |
| *Degree of protection front* | IP65 |
| *Degree of protection rear* | IP65 with connected M12<br>IP67 with connected M12 |
| *Material group* | I |

## → Electrical data

| | |
|---|---|
| *Rated operating voltage IEC/EN 60947-5-1* | 35 V AC<br>35 V DC |
| *Rated operating current IEC/EN 60947-5-1* | 1 A AC<br>1 A DC |
| *Rated insulation voltage IEC/EN 60947-5-1* | 50 V AC<br>50 V DC |
| *Contact resistance* | < 50 mΩ NO new state<br>< 50 mΩ NC new state |
| *Electrical lifetime* | 30,000 switching cycles at rated voltage |
| *Utilisation category IEC/EN 60947-5-1* | AC-15<br>DC-13 |
| *Contact type* | 1NC<br>1NO |
| *Bouncing time* | < 10 ms NO<br>< 10 ms NC |
| *Rating* | General Purpose 24 V DC<br>General Purpose 1 A |
| *Switching capacity* | 35 V AC/DC<br>1 A<br>35 V DC<br>1 A |
| *Thermal continuous current IEC/EN 60947-5-1* | 1 A AC |
| *Overvoltage category* | II |
| *Pollution degree* | 2 |

### Safety instructions / installation instructions

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

### Pin assignment

| | |
|---|---|
| Pin1 | COM |
| Pin2 | NC |
| Pin3 | n.c. |
| Pin4 | NO |

## Mechanical data

| | |
|---|---|
| *Connection* | M12 connector 4-polig A coded |
| *Tightening torque connection* | max. 0.4 Nm |
| *Tightenting torque fixing nut* | 1.5 Nm ... 1.9 Nm |
| *Mounting position* | Any |
| *Mechanical lifetime* | 30,000 switching cycles |
| *Switching function* | Latching function |
| *Switching position* | 0° key removable<br>90° maintained |
| *Positive opening* | Acc. to EN60947-5-1, appendix K |

### Safety instructions / installation instructions

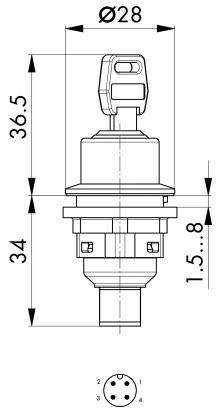
- The M12 connection must not be subjected to mechanical stress, ensure sufficient strain relief!

### Note

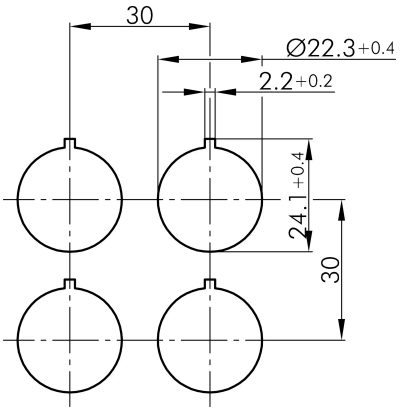
- Includes 2 keys
- Different locking options available on request

## Technical drawings

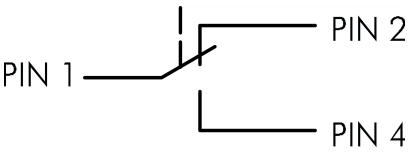
➔ Dimensional drawing



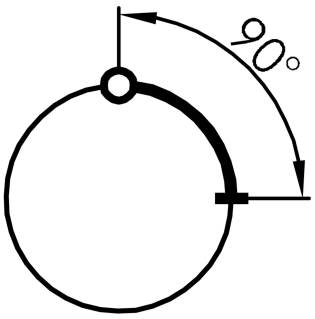

➔ Cutout dimensions




➔ Circuit diagram



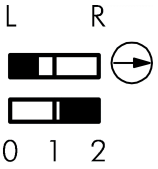

➔ Position indicator




➔ Switching path diagram

PIN 1/ PIN 2
PIN 1/ PIN 4

PIN 3 n.C.




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