Datasheet

➔ SSWTLI_C005

03/11/2026

Technical data

Illuminated pushbutton with 4-pole M12 connector

Type	SSWTLI_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	Black
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

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
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 / 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

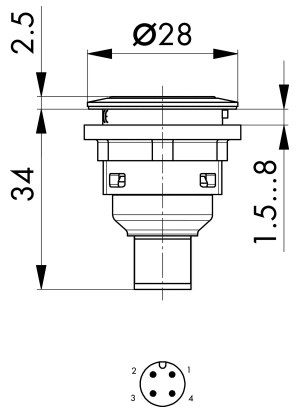
Connection	M12 connector 4-polig A coded
Operating travel	2.3 mm Push button
Tightening torque connection	max. 0.4 Nm
Tightenting torque fixing nut	1.5 Nm ... 1.9 Nm
Mounting position	Any
Mechanical lifetime	1,000,000 switching cycles
Switching function	Momentary function

Safety instructions / installation instructions

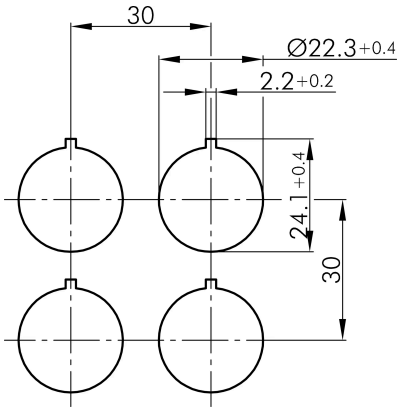
- The M12 connection must not be subjected to mechanical loads, ensure sufficient strain relief!

Technical drawings

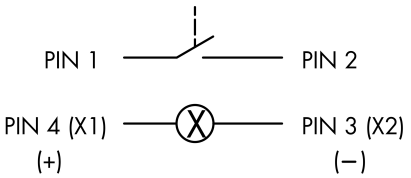
➔ Dimensional drawing



➔ Cutout dimensions



➔ Circuit diagram



➔ Switching path diagram