



FRTLO_C114 16.01.2023

Illuminated contact block with 5-pole M12 connector, momentary



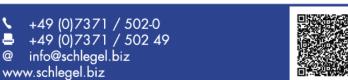
General Data	
Type reference	FRTLO_C114
Description	Contact block with M12 connector, detent collar, illumination option
Approvals	CE, UKCA
Contact type	1 NC
Degree of protection	IPOO
Connection type	5-pole M12 connector (integrated), A coded, AIDA
Contact material	AgNi
Max. storage temperature	-40°C 80°C
Max. operating temperature	-25°C 70°C
Mechanical life	600,000 switching cycles
Electrical life (rated load)	600,000 switching cycles at rated load
Contact resistance NC	< 50 mOhm (new state)
Min. current	6 mA
Min. voltage	5 V
Bouncing time NC	< 10ms
Positive opening contact	acc. to EN60947-5-1,appendix K

Electrical data acc. to IEC/EN 60947-5-1 (VDE 0660 Sect. 200)

	alternate current	direct current
Utilisation category	AC15	DC13
Rated insulation voltage Ui	50 V	50 V
Rated operating voltage Ue	35 V	35 V
Rated operating current le	2 A	2 A
Breaking capacity	-	
Continuous thermal current	2 A	2 A

Technical Data - Lamp

Lamp socket none, with integrated 3 mm LED white









Max. lamp voltage	30 V AC/DC
Max. lamp output	14 mA (at 24 V DC)

Additional data	
Mounting position	any
Standards	EN 60947-5-1
Tightening torque (M12-connector)	max. 0.4 Nm
B10d [cycles]	depending on the pushbutton/switch head
Material group	I
Overvoltage category	II.
Pollution degree	2

Note

O = NC contact

Pin assignment:

Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Type
NC n.c. LED - NC LED + 1 NC + LED (AIDA)

- Safety instructions / mounting instructions
 the M12 connector must not be connected or disconnected under load
 the single connector pin may be loaded with max. 2 A
 not suitable for use under water

- there may not be any mechanical load on the M12 connector, ensure that there is sufficient stain relief!
- observe the operating instructions







