

**FRL\_C120**

17.01.2023

**Lamp element with 5-pole M12 connector**



**General Data**

Type reference	FRL_C120
Description	Pilot light with M12 connector
Approvals	CE, UKCA
Degree of protection	IP00
Connection type	5-pole M12 connector (integrated), A coded, AIDA
Max. storage temperature	-40°C ... 80°C
Max. operating temperature	-25°C ... 70°C

**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
Material group	I
Overvoltage category	II
Pollution degree	2

**Note**

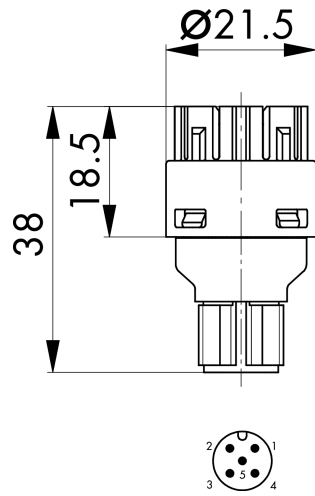
- Pilot light with white LED

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

Safety instructions / mounting instructions  
- the M12 connector must not be connected or disconnected under load  
- not suitable for use under water  
- there may not be any mechanical load on the M12 connector, ensure that there is sufficient strain relief!

- observe the operating instructions





PIN5 — ⊗ — PIN3  
(+) (-)

PIN1 / PIN2 / PIN4 n.c.

