



## FXL1-AR1

Actuators for RFID safety switches

**ACTUATORS**

**SICK**  
Sensor Intelligence.



### Ordering information

Type	part no.
FXL1-AR1	1101327

Other models and accessories → [www.sick.com/Actuators\\_for\\_RFID\\_safety\\_switches](http://www.sick.com/Actuators_for_RFID_safety_switches)



### Detailed technical data

#### Features

<b>Accessory group</b>	Actuators for RFID safety switches
<b>Description</b>	Rigid actuator, can be inserted into the locking device from the front or side
<b>Suitable for</b>	flexLock
<b>Enclosure rating</b>	IP65, IP67, IP69K
<b>Ambient operating temperature</b>	-20 °C ... +55 °C
<b>Mechanical life</b>	1 x 10 <sup>6</sup> switching cycles
<b>Locking force F<sub>max</sub></b>	3,510 N (EN ISO 14119)
<b>Locking force F<sub>Zh</sub></b>	2,700 N (EN ISO 14119)
<b>Weight</b>	75 g

#### Certificates

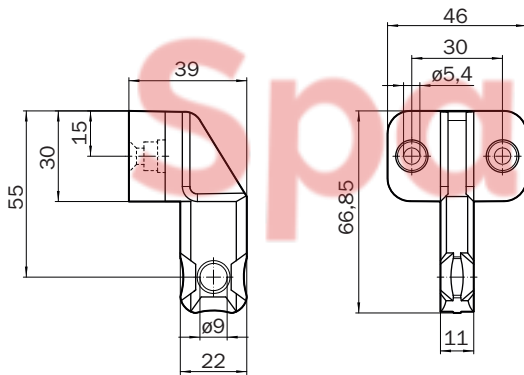
<b>EU declaration of conformity</b>	✓
<b>ACMA declaration of conformity</b>	✓
<b>China RoHS</b>	✓
<b>ECOLAB certificate</b>	✓
<b>cULus certificate</b>	✓
<b>EC-Type-Examination approval</b>	✓
<b>Third party certificate</b>	✓

#### Classifications

<b>ECLASS 5.0</b>	27279290
<b>ECLASS 5.1.4</b>	27279290
<b>ECLASS 6.0</b>	27279222

<b>ECLASS 6.2</b>	27279222
<b>ECLASS 7.0</b>	27279222
<b>ECLASS 8.0</b>	27279222
<b>ECLASS 8.1</b>	27279222
<b>ECLASS 9.0</b>	27270612
<b>ECLASS 10.0</b>	27270612
<b>ECLASS 11.0</b>	27270612
<b>ECLASS 12.0</b>	27270612
<b>ETIM 5.0</b>	EC002594
<b>ETIM 6.0</b>	EC002594
<b>ETIM 7.0</b>	EC002594
<b>ETIM 8.0</b>	EC002594
<b>UNSPSC 16.0901</b>	31251501

## Dimensional drawing



Dimensions in mm (inch)

## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

## WORLDWIDE PRESENCE:

Contacts and other locations – [www.sick.com](http://www.sick.com)

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