

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



Detailed technical data

Features

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

Certificates

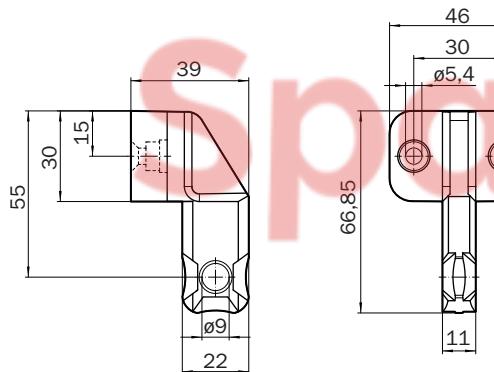
EU declaration of conformity	✓
ACMA declaration of conformity	✓
China RoHS	✓
ECOLAB certificate	✓
cULus certificate	✓
EC-Type-Examination approval	✓
Third party certificate	✓

Classifications

ECLASS 5.0	27279290
ECLASS 5.1.4	27279290
ECLASS 6.0	27279222

ECLASS 6.2	27279222
ECLASS 7.0	27279222
ECLASS 8.0	27279222
ECLASS 8.1	27279222
ECLASS 9.0	27270612
ECLASS 10.0	27270612
ECLASS 11.0	27270612
ECLASS 12.0	27270612
ETIM 5.0	EC002594
ETIM 6.0	EC002594
ETIM 7.0	EC002594
ETIM 8.0	EC002594
UNSPSC 16.0901	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