

Folding Arm² for smoke vents

The Folding Arm² is a further development of our famous Folding Arm and therewith an extraordinary and innovative development of our house.

The actuator technology with power and style is unique in the market and offers lots of different applications.

Its advantages:

- Very wide opening angles possible
- Suitable for SHEV
- Opening durations in less than 60 sec.
(according to EN 12101-2 standards)
- Very resistant to changing load (i.e. from wind)
- Minimal space required, optical attractive by symmetrical design
- High-performance gear (>20,000 cycles)
- Available in tandem and synchronized versions
- Smart bracket system enables flexible installations in the middle and at the side of the closing edges
- Application programming interface (API)
- Low power consumption – high efficiency



Brackets to be ordered separately!

Technical Data:

Folding Arm ² Type EA-KL ² for smoke vents Item number:	
Nominal voltage (min./max.):	24 V DC (- 15 % / + 25 %)
Ripple:	max. 500 mV
Force:	500 N, 800 N, 1000 N
Nominal current:	1.4 A to 3.0 A
Stroke length:	530 / 710 mm
Connection cable:	Silicone 5 (6) x 0.75 mm ² , light grey, length 2 m
Weight:	Approx. 5.5 kg
Cut-Off:	Intelligent load-dependent cut off
Opening speed:	14 mm/s
Ingress protection:	IP 54 (higher protection available on request)
Switch on duration:	ED 30 %
Temperature range:	- 5° to + 75° C
Dimensions (LxWxH):	500 (or 408) x 58 x 130 or 210 mm (depending on bracket)

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Nominal force 500 N
Opening speed 14 mm/s

Typ	Item number
Smoke vent actuator EA-KL ² 50	M2 1471
Attributes: 500 N Force / 710 mm Stroke length / 2.0 A current	
Smoke vent actuator EA-KL ² -K 50	M2 1490
Attributes: 500 N Force / 530 mm Stroke length / 1.4 A current	

Nominal force 800 N
Opening speed 14 mm/s

Typ	Item number
Smoke vent actuator EA-KL ² 80	M2 1470
Attributes: 800 N Force / 710 mm Stroke length / 3.0 A current	
Smoke vent actuator EA-KL ² -K 80	M2 1491
Attributes: 800 N Force / 530 mm Stroke length / 2.0 A current	

Nominal force 1000 N / 3,0 A
Opening speed 14 mm/s

Typ	Item number
Smoke vent actuator EA-KL ² 100	M2 1472
Attributes: 1000 N Force / 710 mm Stroke length	

Accessories	Item number
K-KL²-M for mounting at the main closing edge – outwards opening Technical Details	K2 1610
K-KL²-I for mounting – inwards opening Technical Details	K2 1611
K-KL²-S for mounting sideways – outwards opening Technical Details	K2 1612

K-KL²-M(S)-AW57RO for mounting at Schüco AW57RO profiles Technical Details	K2 1613
K-KL²-M(S)-RAICO105D for mounting at Raico 105D profiles Technical Details	K2 1616
K-KL²-M3D for installation on an aslant closing edge outwards opening, surface in EV1, including screws. Technical Detail	K2 1628
K-KL²-WICONA-LI for mounting on a WICONA-SHE-window-profile leftside, outwards opening Technisches Detail	K2 1624
K-KL²-WICONA-RE for mounting on a WICONA-window profile for SHE windows rightside, outwards opening Technisches Detail	K2 1625