

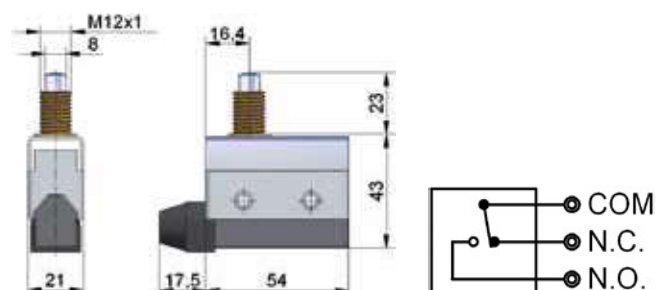
Accessories

Limit Switch for butterfly flanges and suction units



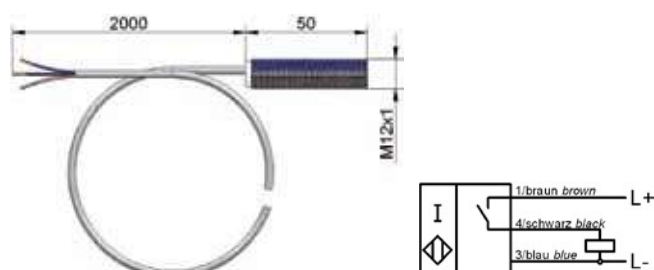
Optional to the **asa** suction units and butterfly flanges we offer mechanical and inductive limit switches. The limit switch can be mounted on the standard block for monitoring matters. The lever position corresponds to the valve position. Thus the aperture angle is well-defined even in mounted state. The handle direction (clockwise or counter clockwise) can be changed by turning the switch bracket. Please note that the butterfly flange may only be opened in mounted state and with greased or lubricated sealing.

Mechanical Limit Switch



order number	EAFSMK
Control voltage at 125V AC	10A res., 6A ind.
Control voltage at 250V AC	10A res., 4A ind.
Control voltage at 115V AC	0.4A res., 0.05A ind.
Expected mechanical durability	10 ⁷ (at 50cpm)
Expected electrical durability	10 ⁵ (at 20cpm)
Ambient temperature	-20°C to 60°C
Ambient humidity	max. 95% at 20°C
Max. operating speed	120cpm
Protection switch	IP 64
Protection connections	IP 60
Switch function	Two way contact
Rated insulation voltage	250V AC
Rated impulse withstand voltage	2.5kV
Switching over voltage	2.5kV
Rated enclosed thermal current	10A
Conditional short-circuit current	100A
Short circuit protection device	10A fuse

Inductive Limit Switch



order number	EAFSIK
Operating voltage	10 to 30 V
Switching frequency	0 to 1500 Hz
Reverse polarity protection	protected
Short-circuit protection	pulsing
Voltage drop	= 3V
Operating current	0 to 200 mA
Off state current	0 to 0.5 mA typ. 0.1iA
No-load supply current	= 17 mA
Indication of the switching state	LED, yellow
Ambient temperature	-25°C to 70°C
Switching element function	PNP make function
Rated operating distance	2 mm
Installation	embeddable
Assured operating distance	0 to 1,62 mm
Reduction factor rAl	0.3
Reduction factor rCu	0.2
Reduction factor rV2A	0.7
Core cross-section	0,14 mm ²
Protection degree	IP67



This data sheet and the corresponding scale drawings are to be used as a general guideline and technical overview of our products. Please contact us if more exact information is needed. As we are constantly improving our products, their characteristics, dimensions and weights may also change, although we do our best to incorporate these changes continually. asa assumes no liability for any information therein, any errors, omissions, misprints, nor any direct or indirect damages, losses or costs resulting therefrom. Any cooling performances and general technical values indicated in this catalogue are measured at a test bench according to asa testing procedures or calculated, based on such tests. Due to different conditions in testing and application environments the performance may also vary by +/- 15%. Because there is no standardized testing procedure, tests used by other manufacturers could have different results. Therefore we recommend all products to be checked under the system operating conditions. This is also true for vibrations and mechanical stress as well as for pressure peaks and thermal stress and any other relevant factors. General tolerances according to DIN ISO 2768-m. General tolerances for casted parts according to EN ISO 8062-3 (DCTG 10). Tolerances for rubber parts are according to ISO 3302-1 (class M4-F+C). The tolerances of welding seams are defined by quality group D according to EN ISO 10042, if it is not specified on the actual scale drawing or data sheet. In addition to that we point out that any data sheet and corresponding scale drawing is no substitution for the manual.