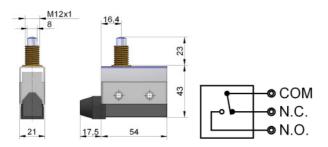
## **Limit Switch**

for butterfly flanges and suction units



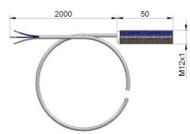
## Mechanical Limit Switch



order number	EAFSM
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 <sup>7</sup> (at 50cpm)
Expected electrical durability	10 <sup>5</sup> (at 20cpm)
Ambient temperature	-20 °C to +60 °C (68-140 °F)
Ambient humidity	max. 95% at 20 °C (68 °F)
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 ciruit protection device	10A fuse



## Inductive Limit Switch



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-	ŕ	1/braun brown
11		4/schwarz black
٨D		3/blau blue
1~		

order number	EAFSI
Operating voltage	10 to 30V
Switching frequency	0 to 1500Hz
Reverse polarity protection	protected
Short-ciruit protection	pulsing
Voltage drop	= 3V
Operating current	0 to 200mA
Off state current	0 to 0,5mA typ. 0,1ìA
No-load supply current	= 17mA
Indication of the switching state	LED, yellow
Ambient temperature	-25 ℃ to 70 ℃ (77 °F-158 °F)
Switching element function	PNP make function
Rated operating distance	2mm
Installation	embeddable
Assured operating distance	0 to 1,62mm
Reduction factor r <sub>Al</sub>	0,3
Reduction factor r <sub>Cu</sub>	0,2
Reduction factor r <sub>V2A</sub>	0,7
Core cross-section	0,14mm2
Protection degree	IP67



This data sheet shows a 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. The information in this data sheet is intended to be used as a first general guideline only. as assumes no liability for any information therein, any errors, omissions, misprints, nor any direct or indirect damages, losses or costs resulting thereform. Due to the different installation conditions, we recommend all products to be checked under the system operating conditions. This is also true of vibrations and mechanical stress as well as for pressure peaks and thermal stress and any other relevant factors.