

Data Sheet JSL-1E

Article number: JA070100

Wind vane relay, 2 m/s...9.2 m/s, hysteresis approx. 1 m/s, internal setting

Wind vane relay for monitoring air flows in ducts, in supply and exhaust air units of fans or electric heating registers. The wind vane relay is factory-set to the minimum switching points. The switch-on/switch-off values can be increased by turning the internal screw clockwise. It is installed in a vertical paddle position from above in a horizontal pipe/duct. The setting range is 2 m/s ... 9.2 m/s and the hysteresis is approx. 1 m/s.



Number of control ranges	1
Output signal	switching
Electric connection	screw terminals
Colour	grey
RAL colour number (similar)	7035
Sensor element	wind indicator
Function type (systems engineering)	monitor
Internal setting	Yes
Bearing temperature	-40 ... 80 °C
Max. air humidity (non-condensing)	95 % r.H.

Housing material	plastic
Paddle material	stainless steel V2A (1.4301)
Max. switch-off value	8 m/s
Max. switch-on value	9.2 m/s
Max. Sensor temperature	85 °C
Max. switching voltage	230 VAC, 50 Hz
Max. switching current	15 (8) A
Medium	Gas
Min. switch-off value	1 m/s
Min. switch-on value	2 m/s
Min. switching voltage	24 VAC, 50 Hz
Min. switching current	150 mA
Mounting/attachment	mounting on air duct
Surface finish	matt
Switching element	microswitch
Switching contact	two-way contact
Potential free switching contact	Yes
Switching power	3450 W
Protection class	IP65 Gehäuse / IP20 medienseitig
Protection class	I
Safety and EMC	in accordance with DIN EN 60730
Ambient temperature	-40 ... 80 °C

Degree of contamination	2
Assembly	Controller with sealing plate
Dimensions (W x H x D)	71 mm x 130 mm x 67 mm

