

UR10-AIR | Controller for air quality sensors

The UR10-AIR is used for, e.g., switching fans, depending on the concentration of gaseous air pollutants in the air. It is suitable for use in workplaces, households, public areas, etc.

- › very easy to use
- › easy installation
- › simple DIN rail mounting
- › small dimensions
- › analog output 0 – 10 V
- › control output – switching relay contact
- › simply adjustable switching limits
- › remembers the last state after AC power is restored if AC power outage



The controller allows you to easily set the lower and upper switching limit of the output relay with use of two rotary elements. The output is equipped with a NO-C-NC switching relay. The current status of the controller is clearly displayed by indicator lights.

The controller is intended for air quality sensors with standard analog output 0 – 10 V.

Parameter	Value	Unit
Power supply	230	V AC
Power consumption	5	VA
Analog input	0 - 10	V DC
Switching voltage	max. 250	V AC
Switching current	max. 10	A
input resolution	10	mV
Protective time*	60	s
Other parameters		
Working temperature	-20 to +40	°C
Ingress protection	IP20	
Dimensions	257x100x60	mm
* From the moment of connecting the power supply, the protective time of 60 seconds begins to run. During this time the switching of the output relay is blocked. This time is used to stabilize the parameters of air quality sensors after power on.		

Explanation of abbreviations and technical terms can be found on our website in the [Glossary](#) section.

