



FRK/N

Duct hygrostat

Measuring size:

Output: Relay

Highlights: change-over contact



Description

The hygrostat FRK/N is for the use in ventilation canals and climate canals, climatic exposure test cabinets and dehumidification equipments for the control and/or supervision the humidity in industry and agriculture. The duct hygrostat is not suitable for aggressive gases. The maximal air speed is made out to 8 m/s or rather 15 m/s with special sensor protection.

Technical Specifications

Control range	35...100% r.H.
Accuracy	±3,5% r.H. (>50% r.H.), ±4% r.H. (
Alarm output	change-over contact
Differential	approx. 5% r.H.
Switching voltage	24...250 V ~
Switching capacity	15 (8) A, 24 - 250 V
Electrical connection	screw terminals
Minimum load	min. 150 mA at 24 V ~
Probe	synthetic fibre
Housing	ABS Synthetic
Colour	grey (backside RAL 7016, top RAL 7035)
Weight	ca. 370 g
Protection type	IP65
Protection class	II
Working temperature	0...+60°C
Installation	screw fastening



Variants

Article Number	
Output r.H.	Version
FRK/N-10	
change-over contact	outside adjustment
FRK/N-20	
change-over contact	inside adjustment
FRK/N-30	
change-over contact	outside adjustment, 2 steps



Dimensional Drawing

