

# Typ: HI-1



**Art.-No.:** JA010100

## **Features:**

Kanalhygrostat, mechanisch, 30...100%, Regler, Wechsler, 230VAC, 15(8)A

## **Application:**

Use in ventilation and air-conditioning ducts, climate exposure cabinets and dehumidifiers for control and/or monitoring of the atmospheric humidity in industrial and agricultural applications. Not suitable for aggressive gases. Max. air speed 8 m/s, with sensor protection FS-HI 15 m/s.

## **Technical Data:**

Dimensions of housing:	130 x 71 x 67,5 mm
Number of outputs:	2
Number, control range:	1
Output signal:	Befeuchten, schaltend
Output signal:	Entfeuchten, schaltend
External setting:	yes
Output, humidifying:	yes
Operating voltage:	keine
average power consumption:	0 W
setting range to:	100
setting range from:	30
Electrical connection:	Schraubklemmen
Output, de-humidifying:	yes
Colour of housing:	grau (Unterteil ähnlich RAL 7016, Oberteil ähnlich RAL 7035)

Humidity:	yes
Sensor:	Kunststofffasern
Function type:	Regler
Hysteresis:	ca. 5 %
Storage temperature:	-20...+60 °C
Material of housing:	Kunststoff ABS
max. switching voltage:	230 VAC, 50 Hz (> 24 V nur in trockener Umgebung)
max. switching current:	15 (8) A
mechanical range setting:	yes
Medium:	Luft, nicht aggressiv
min. switching voltage:	24 VAC, 50 Hz
min. switching current:	150 mA bei 125 VAC
Installation/fastening:	Montage am Luftkanal oder Wandmontage mittels Zubehör JZ-20-1
Surface quality:	matt
potential-free:	yes
Control range up to:	100
Control range from:	30
Control function:	Be- oder Entfeuchten
Switching element:	Mikroschalter
Switching contact:	Wechsler
Switching power:	3450 W
Degree of protection:	IP 65 frontseitig
Protection class:	II
Safety and EMC:	gemäß DIN EN 60730
Set point adjuster:	yes
Tolerance:	> 50 %: +/- 3,5 % r.H.
Ambient temperature up to:	60
Ambient temperature from:	0
Accessories:	JZ-20-1 Wandhalter FS-HI Fühlerschutz FS2-HI PTFE-Filter
Permissible atmospheric humidity:	nicht kondensierend

### Circuit Diagram:

