

# Electronic Hygro-Thermostat

## eStat20

Two in one:  
sensor and humidistat

Modular design with  
two switching points and  
two analogue outputs



[www.galltec-mela.com](http://www.galltec-mela.com)

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eStat20 (DUO)

# Electronic Hygro-Thermostat

-30... + 60 °C

60 °C



integrated connector

plug-in probe with female socket  
4 probe lengths

85 °C



probe with cable connected  
cable box 3 probe lengths

125 °C

IP65



Hygro-Thermostat all-rounder with two individually configurable relays and two additional analogue outputs (for humidity and temperature), suitable for many applications.

The potential-free relay outputs can be configured internally as either normally closed (NC) or normally open (NO) contacts. Both humidity set values and the desired hysteresis can be easily set without having to open the housing. It can be set with dip switch or rotating knob.

## Your advantages

- Operating temp. up to 125 °C
- Accuracy H:  $\pm 2$  % RH
- Accuracy T:  $\leq \pm 0.2$  K
- 2 configurable switching outputs
- 2 permanent signal outputs
- Long term stability
- Easy to install
- Intuitive operation
- Exchangeable sensor part

## Additionally options

- IP65
- Plug-in connection
- 4 probe lengths
- Cable up to 25 m

## Technical data (extract)

### Relative humidity measurement

Measuring/sensor element	Capacitive
Output range	0...100 % RH
Control range	5 ... 95 % RH
Accuracy at 25 °C and at 10...90 % RH	$\leq +2$ % RH

### Temperature measurement

Output ranges	0 ... +50 °C
	-30 ... +70 °C
	0 ... +100 °C
	with high temperature probe -40 ... +125 °C
Control range	-35 ... +80 °C
	-35 ... +120 °C
Accuracy at 5...60 °C	$\pm 0.2$ K



Filter standard  
Membrane filter IP30

85 °C



Filter option  
PTFE sintered filter

IP65 125 °C



More information on the eStat20 DUO datasheet online PDF

MADE IN GERMANY

