

RFF

Room humidity sensor

RANGE

0~95 %

POWER

15 ... 36
V DC

OUTPUT

4-20mA
0~10V



with display

Approvals



Messtechnik
Made in Germany

SPECIFICATION

MODEL	RFF
OUTPUT	DC4-20mA 0-10V
POWER	15 to 36V DC
MEASURING RANGE	0 to 100% r.H.
OPERATING RANGE	0 to 95% r.H. [non-precipitating air]
DEVIATION	±3% r.H. [20...80%] at +20 °C, otherwise ±5% r.H.
AMBIENT TEMPERATURE	0 ... 50 °C, non-precipitating
INSTALLATION	4-hole for wall mounting Flush box recommended
ENCLOSURE	ABS plastic stainless steel*
PROTECTION TYPE	IP30 [according to EN 60529]
ELECTRICAL CONNECTION	2-, or 3-wire connection 0.14 - 1.5 mm ² , via terminal screws on circuit board



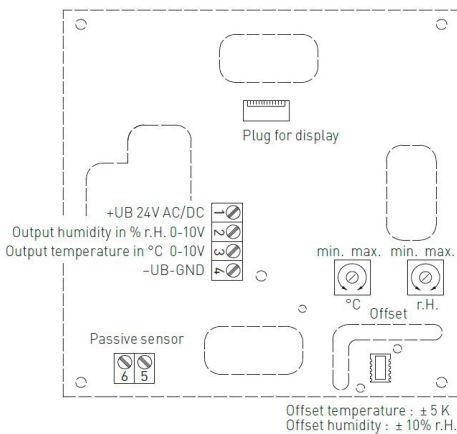
without display



stainless steel

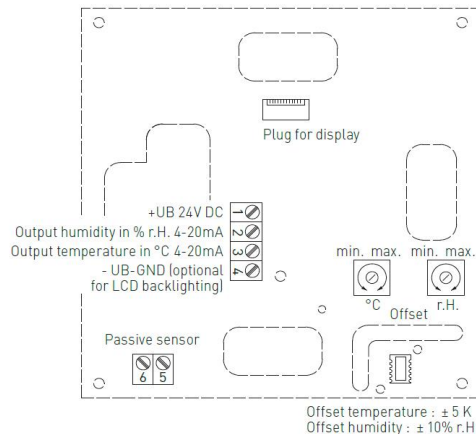
DIAGRAM

0-10V 3-wire



1	+UB 24V DC
2	Output humidity in % r.H. 0-10V
3	Free
4	-UB-GND

4-20mA 2 or 3-wire

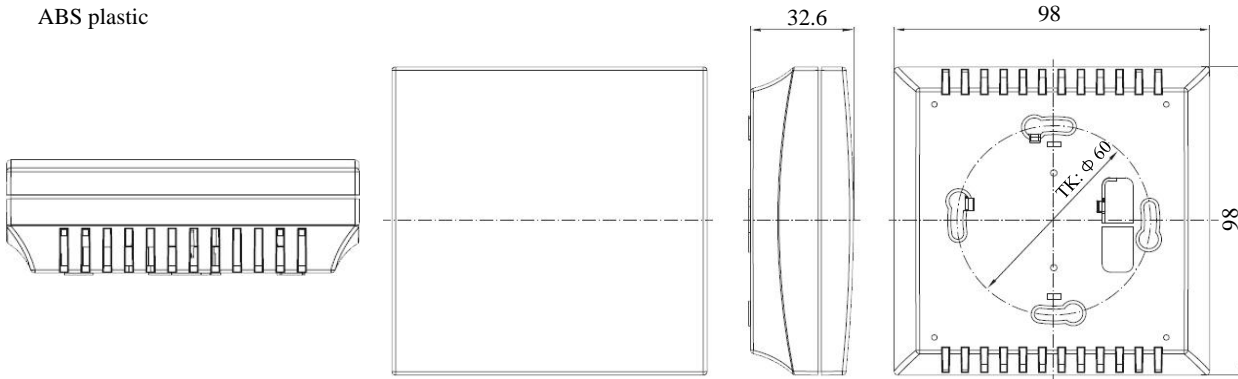


1	+UB 24V DC
2	Output humidity in % r.H. 4-20mA
3	Free
4	-UB-GND [optional for backlighting]

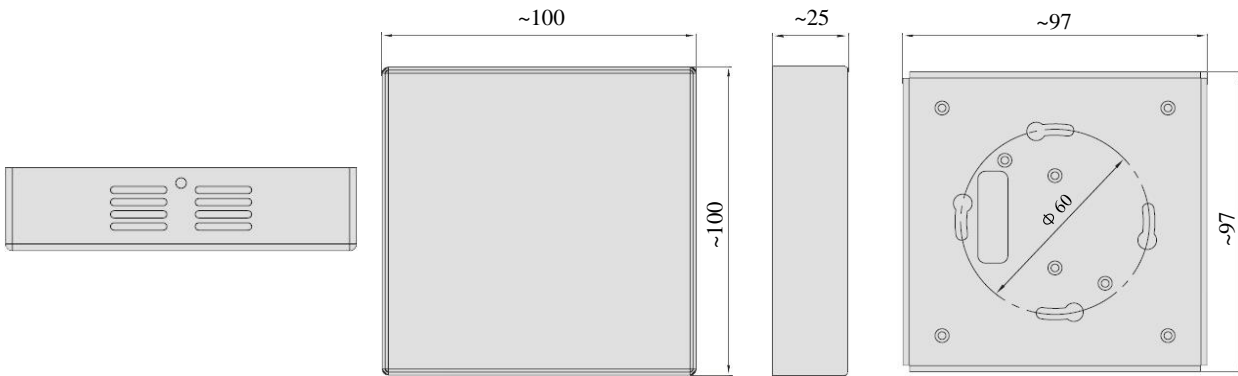
FLOW | PRESSURE | HUMIDITY | AC | DC | BATTERY | CONTACT | DISPLAY

DIMENSION (mm)

ABS plastic



stainless steel



ORDERING INFORMATION

RFF	Output	Display	Enclosure
	1. 4-20mA	1. without	1. ABS plastic
=Optional	2. 0~10VDC	2. with	2. STS*

| FLOW | | PRESSURE | | HUMIDITY | | AC | | DC | | BATTERY | | OUTPUT | | CONTACT | | DISPLAY |