

RTM 1

ROOM TEMPERATURE TRANSMITTER

Approvals



Messtechnik
Made in Germany

RANGE

-30 ...
70 °C

SENSOR

PT
1000

OUTPUT

4-20mA
0~10V

SPECIFICATION

MODEL	RTM 1
OUTPUT	DC4-20mA : 2 or 3-wire [3-wire for LCD backlight] 0-10V DC : 3-wire
POWER	DC4-20mA : 15 to 36V DC 0-10V DC : 24V DC
DEVIATION	typically $\pm 0.2K$ at +25°C
SENSOR	Pt1000, DIN EN 60751, class B
PROCESS CONNECTION	by screws
ELECTRICAL CONNECTION	terminal screws
INSTALLATION	4-hole for wall mounting Flush box recommended
OPERATING TEMPERATURE	without Display : -30 to 70°C with Display : 0 to 50°C
AIR HUMIDITY	< 95%R.H., non-precipitating air
PROTECTION TYPE	IP30 [according to EN 60529]
ENCLOSURE	ABS plastic stainless steel*
MEASURING RANGE	8 switchable measuring ranges, see table * =Optional

Measuring ranges [Adjustable]	DIP 1	DIP 2	DIP 3
-20 ... +150 °C	ON	ON	ON
-50 ... +50 °C	OFF	ON	ON
-20 ... +80 °C	ON	OFF	ON
-30 ... +60 °C	OFF	OFF	ON
0 ... +40 °C	ON	ON	OFF
0 ... +50 °C	OFF	ON	OFF
0 ... +100 °C	ON	OFF	OFF
0 ... +150 °C	OFF	OFF	OFF

DIP switches
Measuring range changeover
ON



1 2 3

with display



without display



Stainless steel

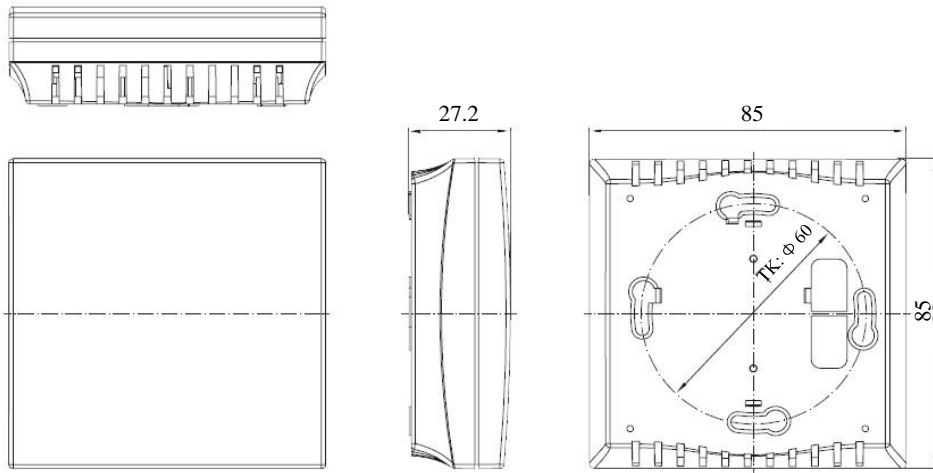


| FLOW | | PRESSURE | | TEMPERATURE | | AC | | DC | | BATTERY | | OUTPUT | | CONTACT | | DISPLAY |

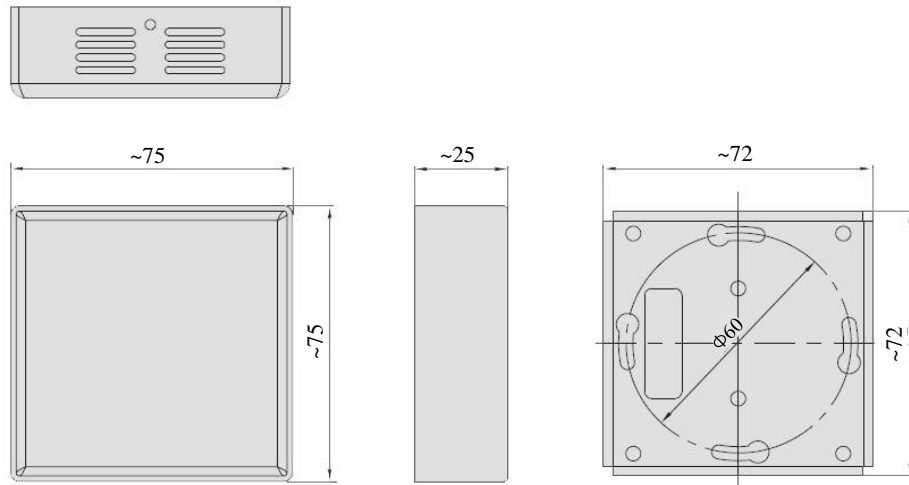
DIMENSION (mm)

※ 제품의 사양에 따라 변경 될 수 있습니다

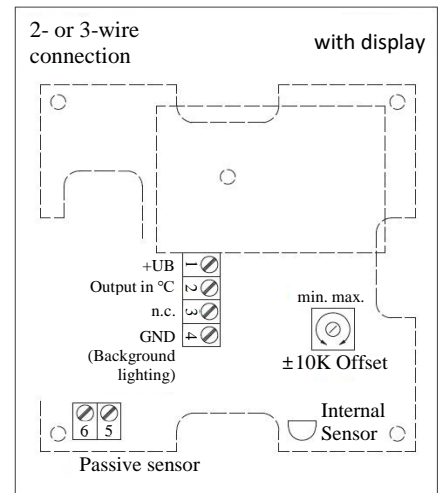
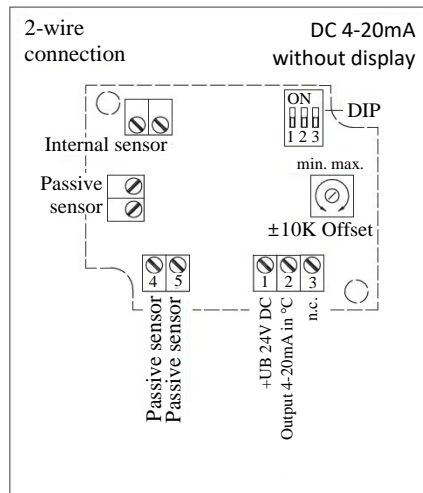
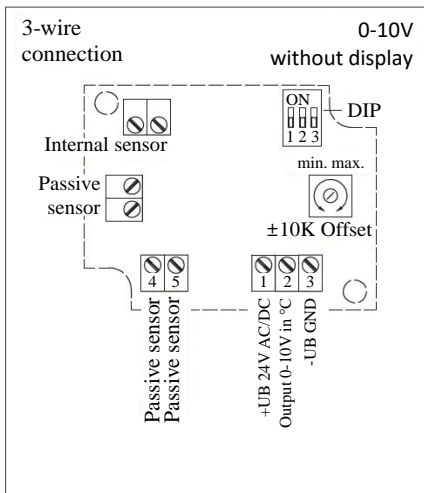
ABS HOUSING



STS HOUSING



DIAGRAM



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

Ordering Information

RTM1	Model						
	<table border="1"> <thead> <tr> <th>Code</th> <th>Output</th> </tr> </thead> <tbody> <tr> <td>I</td> <td>4-20mA</td> </tr> <tr> <td>U</td> <td>0~10VDC</td> </tr> </tbody> </table>	Code	Output	I	4-20mA	U	0~10VDC
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TYPE & IMAGE

		
RTM1-I-2-1 RTM1-U-2-1	RTM1-I-1-1 RTM1-U-1-1	RTM1-I-1-2 RTM1-U-1-2