

Temperature & Humidity Transmitter

IND-TH Series



Feature

- ✓ Optional Voltage or current analogue outputs
- ✓ Modbus RTU interface (option)
- ✓ High accuracy and long term stability
- ✓ Temperature compensation
- ✓ Quality Certifications : CE certification
- ✓ Optional monitor software
- ✓ Most popular applications for Heating, Ventilation, Air Conditioning and Storage rooms

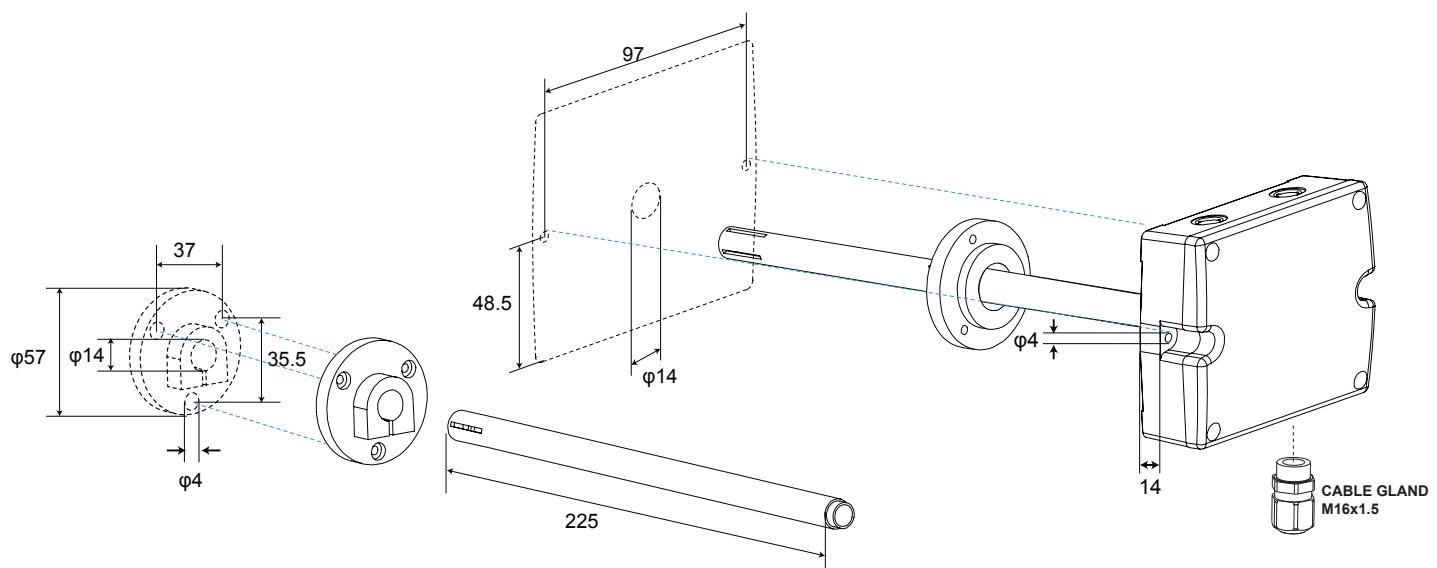
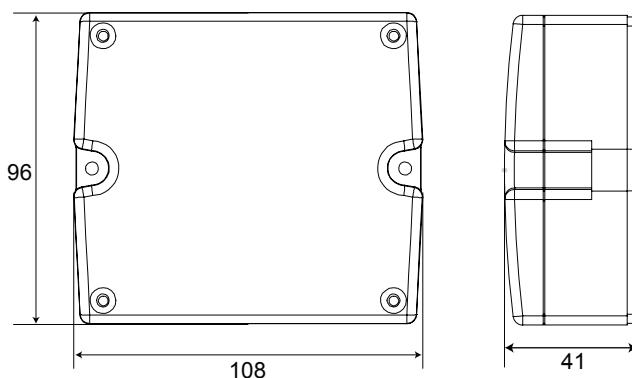


Technical Data

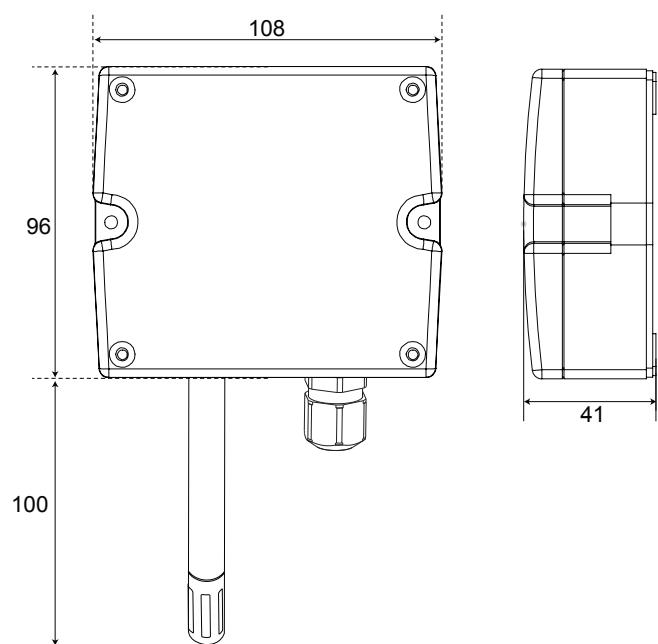
General		
PowerSupply	DC 12 ~24V	
Cable Gland	M12 (7~4mm)	
Housing	ABS	
Protection	IP66 (incl. probe)	
Cable length	2m (IND-THR)	
Dimensions	108 (L) × 96(W) × 41(H)mm	
Output		
Analog	Current	4~20mA (3-wire)
	Voltage	0~10V (3-wire)
Digital	Protocol	Modbus RTU RS485
	Baud rate	9600 bps
	Parity	None
	Data	8 bits
	Stop	1 stop bit
Temperature		
Sensing Method	CMOS	
Range	-20~60°C	
Accuracy	± 0.3°C(20~40°C) 、 ± 1°C (<20°C or >40°C) (@25°C)	
Working Range	-30~70°C	
Repeatability	± 0.1°C	
Response Time	5 sec.	
Long term stability	<0.05°C / year	
Humidity		
Sensing Method	CMOS	
Range	0~100%RH	
Accuracy	± 3%RH(20~80%RH) 、 ± 5%RH (<20%RH or >80%RH) (@25°C)	
Working Range	0~100%RH (Non-condensing)	
Repeatability	± 0.2%RH	
Response Time	7 sec.	
Long term stability	<0.05RH / year	

Dimensions

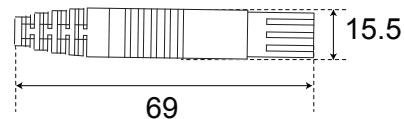
IND-THD



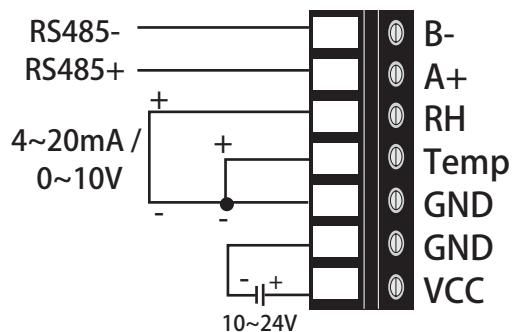
IND-THW



IND-THR Sensor



Wiring



Ordering Information

IND-TH - - -

Optional :

Mounting	
D	Duct
W	Wall
R	Remote Probe

Output	
V	0~10V
I	4~20mA (3-wire)

Communication	
	None
M	ModBus RTU

Test Report	
	None
X	Test Report

T/H Monitor software
HTMSYS