

Technical Specification

GENERAL	
Operating voltage	9..36V DC
Storage temperature	-45°C .. 85°C
Connection type	Wall mount
IP Level	IP67
COMMUNICATION	
Interface	Modbus RTU (RS 485)
Slave ID	1 .. 247
Baud rate	9600, 19200, 38400, 57600
Parity	None, Even
Stop bit	1, 2
MEASUREMENTS	
Temp. measurement range	-40°C .. 80°C
Temp. accuracy	±0.5°C
Dew point range	-40°C .. 80°C
Humidity measurement range	0%rH .. 100%rH
Humidity accuracy	±3.5 % (20%rH- 80%rH)
Response time	15 sec

SW1						
Stop Bit		Parity		Baud Rate		
Dip 4	Value	Dip 3	Value	Dip 2	Dip 1	Value
0	1	0	Even	0	0	9600
1	2	1	None	0	1	19200
-	-	-	-	1	0	38400
-	-	-	-	1	1	57600

SW2								
Slave ID								
	Dip 8	Dip 7	Dip 6	Dip 5	Dip 4	Dip 3	Dip 2	Dip 1
	128	64	32	16	8	4	2	1
Example 1	1	1	0	1	1	0	1	0
Example 2	1	0	0	1	1	1	0	1

Example 1 ID = (1*128)+(1*64)+(0*32)+(1*16)+(1*8)+(0*4)+(1*2)+(0*1) = 218

Example 2 ID = (1*128)+(0*64)+(0*32)+(1*16)+(1*8)+(1*4)+(0*2)+(1*1) = 157

Wiring Diagram



