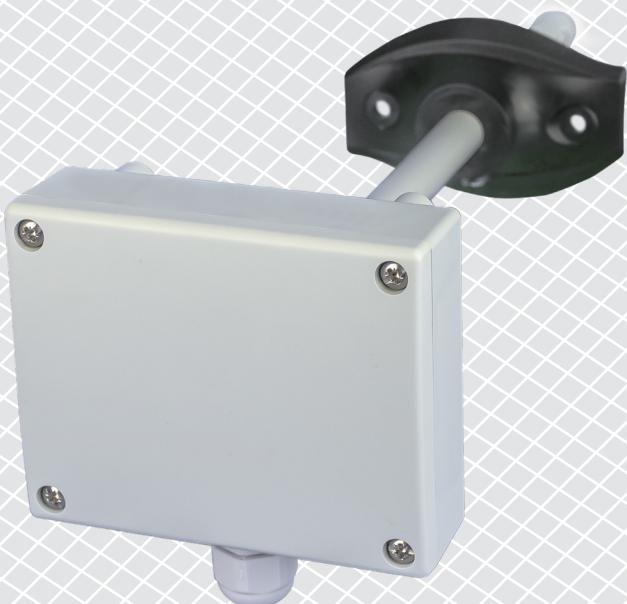


# DCTHM-2

INTELLIGENT TEMPERATURE AND  
HUMIDITY DUCT SENSOR

Modbus register map









**HOLDING REGISTERS**

		Data type	Description	Raw data range	Values	Factory default values
22	Maximum relative humidity alert	unsigned integer	Maximum relative humidity alarm value	Min. relative humidity alarm—Max. relative humidity range	1.000 = 100 % rH	1.000
23–44			Reserved, return 0			
45	Minimum output value	unsigned integer	Set minimum value of output signal in percentage	0–400	200 = 20 %	0
46	Maximum output value	unsigned integer	Set maximum value of output signal in percentage	600–1.000	600 = 60 %	1.000
47	Temperature sensor selection (On/Off)	unsigned integer	Turn ON or OFF the temperature sensor (related to output value - input register 39 and 40)	0, 1	0 = Off 1 = On	1
48–56			Reserved, return 0			
57	Relative humidity sensor selection (On/Off)	unsigned integer	Turn ON or OFF the rH sensor (related to output value - input register 39 and 40)	0, 1	0 = Off 1 = On	1
58–70			Reserved, return 0			

**Note:** The holding registers can be managed via the following Modbus commands: "Read Holding Registers", "Write Single Register" or "Write Multiple Registers".

The free Sentera configuration and monitoring software 3SModbus can be downloaded via: <https://www.sentera.eu/en/3SMCenter>