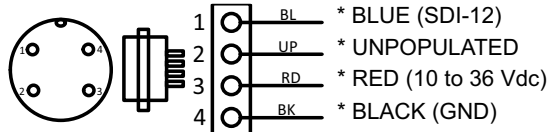


Air temperature and relative humidity sensor



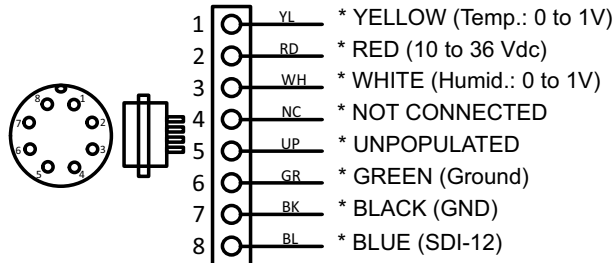
WIRING DIAGRAM

Cable-sensor connector TUSensDB
Digital output signal SDI-12 (STANDARD)



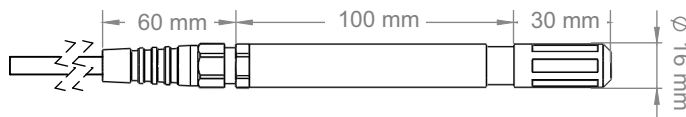
ITC Female CCV41-2-PG7

Cable-sensor connector TUSensDB
Analog output signal 0 to 1V (Optional)



Militar Female MS3106E14S 2S

DIMENSIONS



OPERATION

List of common commands via SDI-12

Command	Function
a!	Acknowledge active
aAb!	Change address (default: 0)
?!	Check address
aM!	Start measurement
aD0!	Send data
aM1!	Additional measurements

Order of information sent via SDI-12

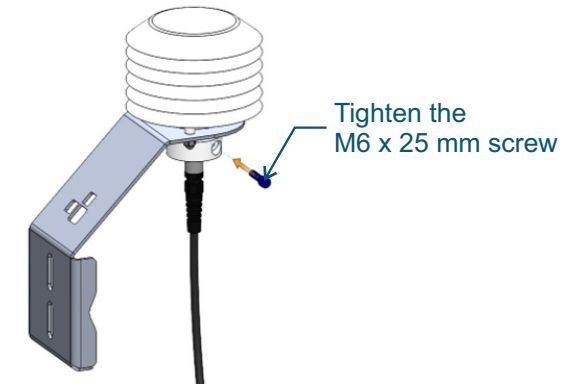
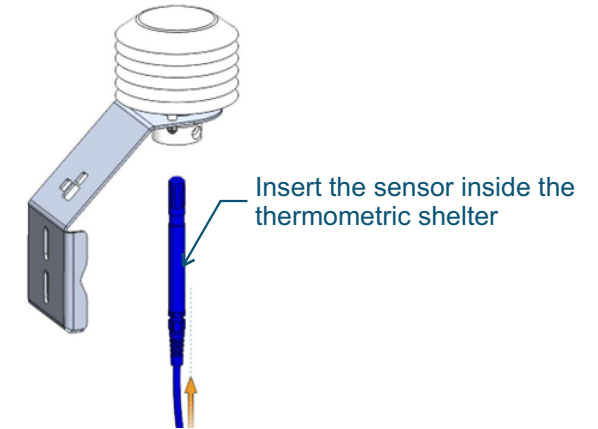
Order	Variable	Unit
1st	Temperature	°C
2nd	Humidity	% RH

Output signal in voltage (optional)

Voltage	emperature / Humidity
0,0 V	-40°C / 0% RH
1,0 V	60°C / 100% RH

Air temperature = (0.10 x Voltage) - 40.0
Relative humidity = 0.10 x Voltage

MOUNTING



OPTIONAL: STH-01-6P / STH-01-12P

