

ASY-741-X10 Humidity Sensor Specification



Connector:
6P6C RJ25

Mounting:
Single #6 x 3/4in (20mm) sheet metal screw through rubber grommet.

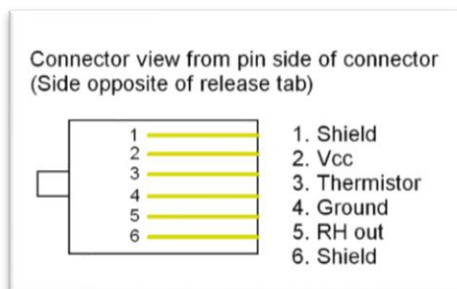
Sensor Dimensions:
58mm x 11mm cylinder with 13.5mm mounting tab. 25mm overall width with mounting tab.

Cable:
7.15mmx2.75mm (nominal) flat oval shielded cable, 3 meters long.

RH Sensor:
Vcc: 2.7 to 5.5 VDC
Current: 500uA max
Temperature range: -40°C to 85°C
Operating humidity: 0 to 100%
Voltage (output): (Vcc) (.00636(Sensor RH) + .1515), typical at 25°C
Temperature compensation: True RH= (sensor RH) / (1.0546-.00216T), T in °C

Thermistor:
Type: NTC
Resistance: 10K ohms @ +25C
Accuracy +/- 2%
Beta (25° to +50°C): 3900K Nominal

Connections:



Mounting:

