

Temperature/Humidity Transmitter

HygroClip 2 - Meteo

Instruments for:
METEOROLOGY
HYDROLOGY
WATER QUALITY
AIR QUALITY
AIR & GASFLOW

KRITECH



In order to fit it into a meteorological screen Mod. 41003 or similar, we recommend to mount the HygroClip HC2-S3 probe to a special mounting accessory allowing to adapt the HC2-S3 to obtain :

- Possibility of powering the transmitter with external supply voltage of 3,2 to 5 VDC which is the nominal supply voltage of the HC2-S3 probe
- Isolated mounting to possible heat sources
- Easy access connection box allowing to connect or disconnect unit from existing cabling
- No power adapter included – using higher power voltage will slightly heat the sensor and give errors in temperature measurement
- Possibility to easily swap the active probe for exchange/calibration
- Recommended meteorological screens : Models 41003, 439102, 43502

Features of HygroClip 2 - Meteo		Connection wires	
Probe :	HC2-S3	1	Signal Ground
Measuring ranges :	- 40°C...+ 60°C / 0...100 %	2	Signal Ground
Accuracy :	0,2°C / \pm 1,5 %	3	Rel. hum. : 0 - 1 V
Response time :	10 seconds (without filter)	4	Temp. : 0 - 1 V
Output signals :	2x 0 - 1 V	5	Power Ground
Power :	3,2...5 VDC / 4,5 mA	6	+ 3,2...5 VDC

Mechanical features	
Diameter of HC2-S3 probe :	15 mm
Diameter of body onto screw-in to weather screen :	24 mm
Total height :	185 mm
Diameter of connection box :	58 mm
Max. cable diameter onto cable gland :	8 mm



HygroClip 2 - Meteo inserted into a meteorological screen Model 41003