



HYT LCD Module

LCD Module



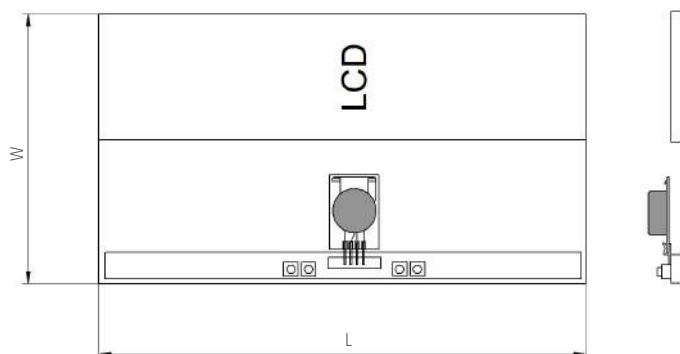
INNOVATIVE SENSOR TECHNOLOGY

Optimal for evaluation and demonstration of the HYT modules

Benefits & Characteristics

- Easy usage
- Automatic address determination of connected sensor
- I²C address change possible
- External or internal power supply
- Automatic switchover (internal / external)
- Correction of humidity and temperature measurement values
- Permanent storage of the correction values

Illustration¹⁾



1) For actual size, see dimensions

Technical Data

Dimensions (L x W x in mm):	70 x 40
Humidity output signal:	0 V to 10 V (0 % RH to 100 % RH)
Temperature output signal:	0 V to 10 V (-40 °C to +125 °C)
Sampling time:	1 s
Supply voltage:	3 V by internal CR2032 or 5 V by external supply, reverse polarity protected, automatic switchover
Current consumption:	< 4 mA
Supported sensor:	HYT 271 or HYT 221
Digital interface:	I ² C
Display:	LC-display with 2x8 characters
Maximum output load:	10 mA

Order Information¹⁾

Order code	IST_HYT_LCDmodul 600.00054
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1) The LCD-Module does not contain any sensors. The sensors must be ordered separately.



HUMIDITY



TEMPERATURE



FLOW



CONDUCTIVITY

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Additional Documents

	Document name:
Datasheet:	DHHYT271_E
Datasheet:	DHHYT221_E
Datasheet:	DHHYT939_E
Application note:	AHHYTM_E



INNOVATIVE SENSOR TECHNOLOGY

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