Digitron

HLX02 Series

High-Precision Thermo - Hygrometer

The new hygrometer HLX02 is the combination of high accuracy measurement technology with modern design. The relative humidity and temperature values with trend indication are alternating on the large display.

High quality sensor technology and state of the art microprocessor based electronics result in highest accuracy and long term stability. The very low power consumption allows battery operation and independence from external power supply.
The standard batteries, replaceable by the user, have a life time about 5 years.

The modern housing concept makes the wall mounting very easy. HLX02 can be used as bench mount as well, the free standing kit is included in the scope of supply.

HLX02 is available upon request as OEM thermo - hygrometer with your company logo.

HLX02

Typical Applications

climate monitoring for:
  - office spaces
  - private areas
  - laboratories
  - food stores
gift article

Features

easiest mounting
modern design
highest accuracy
traceable calibration
long battery life time
available as OEM meter

Technical Data

Measuring Quantities

Relative Humidity

Humidity sensor type	HC103
Working range[1]	10...95% RH
Resolution	0.1% RH
Accuracy at 20°C (68°F)	±2% RH (40...60% RH) ±3% RH (10...95% RH)
	Traceable to intern. standards, administrated by NIST, PTB, BEV...
Trend indication	yes

Temperature active

Working range	-5...55°C (23...131°F)
Resolution	0.1°C
Accuracy at 20°C (68°F)	±0.3°C (±0.54°F)
Trend indication	yes

General Data

Sampling rate	10s
Current supply	2x 1.5V AAA Alkali battery (included in the scope of supply)
Battery life time	typ. 5 years
Display	°C or °F (selectable by jumper)
CE compatibility according	EN61326-1
	EN61326-2-3
Temperature ranges	Working temperature range: -5...55°C (23...131°F)
	Storage temperature range: -20...60°C (-4...140°F)
Dimensions	85 x 100 x 26 mm (3.3 x 3.9 x 1")
Housing / protection class	PC, IP20

CE

1) Please refer to the working range of the HC103

Ordering Guide

MODEL		
HLX02	(HLX02-FT01)	