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DATA SHEET

HDH 10K

Produal

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CARBON DIOXIDE TRANSMITTER/CONTROLLER HDH 10K

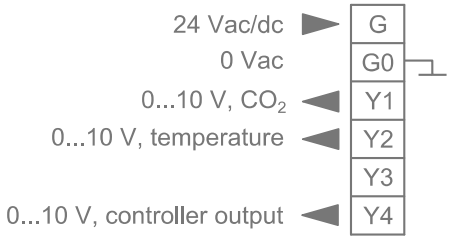
HDH transmitters are designed for detecting and controlling carbon dioxide concentration and temperature in room spaces. The transmitter information can be used for demand based ventilation control, for example.

The measurement values scroll on the N model display. The wanted value can be locked to view continuously.

ABCLogic™ self-calibration method eliminates the possible long term drift. The ABCLogic™ function can be turned off by using the ML-SER tool.

The control output can be controlled either according to a one measurement value or according to the maximum selection of all values. The controller settings can be changed by using the ML-SER tool.

Wiring:





Technical data

Supply	24 Vac/dc (22…28 V) < 2 W
Carbon dioxide measurement	
Range	0…10000 ppm
Accuracy (25 °C)	typ. ±200 ppm +3 % from reading (ABCLogic™)
Long term stability / year	< 2 % FS (ABCLogic™)
Time constant	< 2 min
Temperature measurement	
Range	0...50 °C
Accuracy (25 °C)	±0.5 °C
Outputs	0…10 V < 2 mA
Operating temperature	0...+50 °C
Ambient humidity	0...85 % RH (non cond.)
Housing	IP20, ABS plastic
Mounting	on the wall surface or on the standard flush mounting box (60 mm hole distance)
Dimensions (w x h x d)	87 x 86 x 30 mm

Ordering guide:

Model	Product number	Description
HDH 10K	1135110	CO_2 and °C room transmitter
HDH 10K-N	1135111	room transmitter with display
ML-SER	1139010	transmitter commissioning tool

Products fulfil the requirements of directive 2004/108/EC and are in accordance with the standards EN61000-6-3: 2001 (Emission) and EN61000-6-2: 2001 (Immunity).

Information is subject to change without prior notice.