

ROOM HUMIDITY TRANSMITTER KLH 100

KLH 100 is a combined relative humidity and temperature transmitter, which is made for indoor measurements.

Linear 0...10Vdc-signals are sent to the incorporated control devices.

Mounting can be made on a wall surface or on a standard conduit box.

Available also with a %rH and/or °C display; type KLH 100-N. As a factory setting the display keeps changing in 3s cycles between temperature and humidity. By opening the link S1 during the desired display this variable stays fixed.



Technical data:

Supply	24V ac/dc, <1VA
Outputs	0-10Vdc, < 2mA
Range	0...100 % rH
continuous use	5...95 % rH
Temperature range	0...+50 °C
Accuracy	
humidity	+/- 2% rH, (25 °C)
temperature	+/- 0,5°C, (25 °C)
Long term stability	+/- 5 % rH, 24 months
Ambient humidity (non condensing)	0...100 % rH
Housing, protection class	ABS plastics, IP20

Connection:

1	supply 24V ac/dc
2	0V
3	% rH-output 0... 10Vdc (0...100% rH)
4	°C-output 0... 10Vdc (0...50 °C)

Ordering guide:

Model	Product number	Description
KLH 100	1132210	room transmitter
KLH 100-N	1132211	room transmitter with display (humidity and temperature display)

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