

Kjærulf Pedersen a/s

HUMIDITY SENSOR type: KPH 101

Humidity sensor 0 – 100% RH, Output 4 – 20 mA.

Sheet no.
20-10V1



Application:

For sensing humidity.

Type KPH 101 is used for controlling the humidity in air-conditioning, ventilating systems/plants, refrigeration systems/plants and reefer units.

Type KPH 101 consists of a capacitive element with matching signal Amplifier, mounted in a stainless steel tube.

Type KPH 101 is calibrated in 3-5 spots in order to achieve a high degree of accuracy.

Properties:

- 0-100% RH
- 4-20 mA
- 9VDC - 28 VDC



7700001

7700-E010817V1

MECHANICAL SPECIFICATIONS:

Protective tube: -----
Wnr.1.4404 (AISI316L)
Special

Sensor diameter: -----
Ø15mm
Special

Process attachment: -----
Flange
Adjustable coupling 1/2" BSP

Protection head: -----
B (aluminium, enameled, low cap, IP54)
CE (aluminium, enameled, IP68)
Plug M12
Special.

Working Temperature -40°C / +60°C

Storage Temperature -40°C / +70°C

ELECTRICAL SPECIFICATIONS:

Supply voltage: 9VDC - 28 VDC

Accuracy at 20°C +/- 3% RH (10-90% RH)

Sensor protection: Teflon membrane filter.

Date:	Amount:	Price:	KP item no.:	Customer item no.:
Company name:	Name:	Tel.:	Fax./e-mail:	

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