

Analog climate sensor KS-210 / KS-220

Very flexible in usage - analog climate sensor with 0-10V or 4...20mA output signal

- ☑ Combined temperature and humidity measurement
- ☑ Compact and robust design, which makes it ideal for industrial applications
- ☑ fast response time with small measuring deviation
- ☑ high reliability and long-term stability
- ☑ Signal output KS-210: 0...10V
- ☑ Signal output KS-220: 4...20mA



Technical data

Characteristics

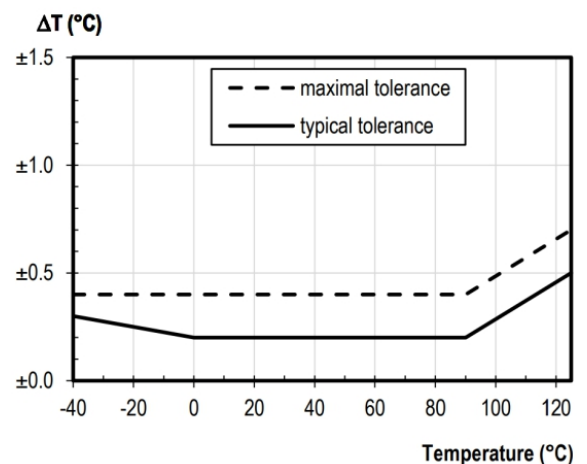
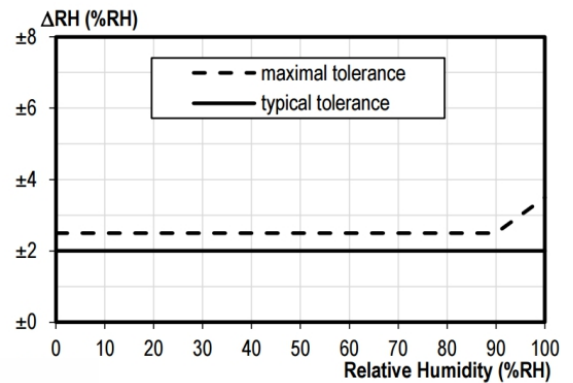
Operating voltage	KS-210: 12...30V DC KS-220: 24V DC
Minimum loop voltage:	KS-220: load (ohms) * 0.02 + 8 V
Maximum loop voltage:	KS-220: 30V
Power consumption	KS-210: < 15mA
Design	Aluminium, anodized
Dimensions in mm	135 x Ø 19.2

Operating conditions

Temperature:	-40...80°C
rel. humidity	0 - 100% rH

Measuring range temperature and humidity

Measuring range humidity	0...100% rH
Accuracy humidity	± 2%
Measuring range temperature	-40...+80°C
Accuracy temperature	± 0.2°C
Signal output	0...10V or 4...20mA



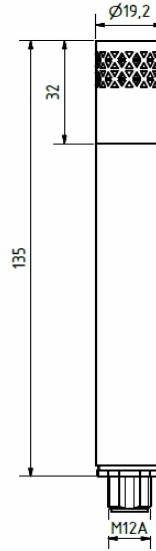
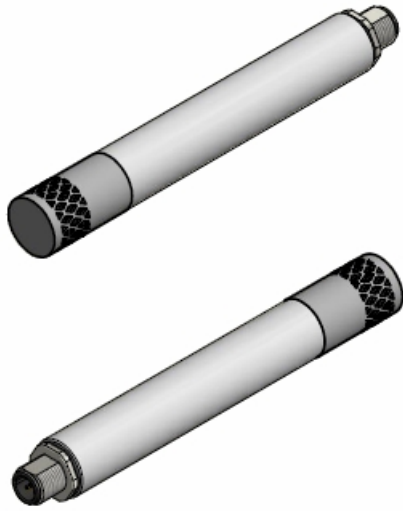
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Sales and consulting: **ZILA GmbH**
Tel.: +49 (0)3681-8673020
Neuer Friedberg 5

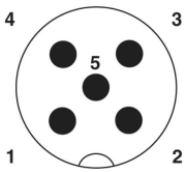
E-Mail: info@zila.de
98527 Suhl

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Design and dimensions



Pin assignment



PIN	0...10V	4...20mA
1	U+	U+
2	GND	n.c.
3	rH	rH
4	T	T
5		

Order

Scope of delivery

1x Climate sensor KS-2xx

Options for your order

KS-210: 0...10V

KS-220: 4...20mA

PTFE protective cap, aluminum cap, standard cap

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