

Analogue climate sensor KS-410 / KS-420

Compact, analogue climate sensor with 0...10 V or 4...20 mA output signal

- ☑ Combined temperature and humidity measurement
- ☑ Robust aluminium housing
- ☑ Quick response time with low measuring deviation
- ☑ High reliability and great long-term stability
- ☑ Signal output KS-410: 0...10 V
- ☑ Signal output KS-420: 4...20 mA



Datasheet: Climate sensor KS410/420-19052021:JUS

Technical data

Characteristics

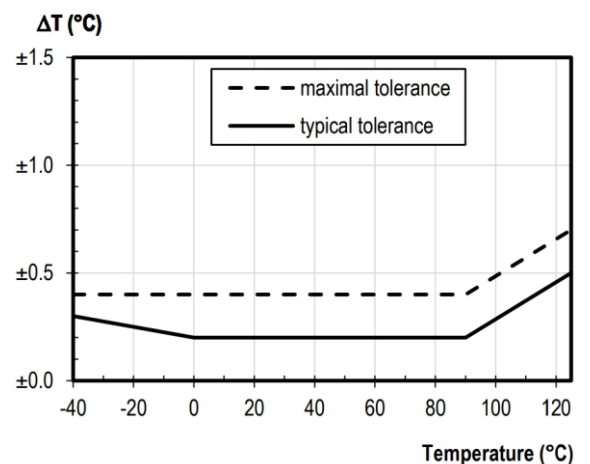
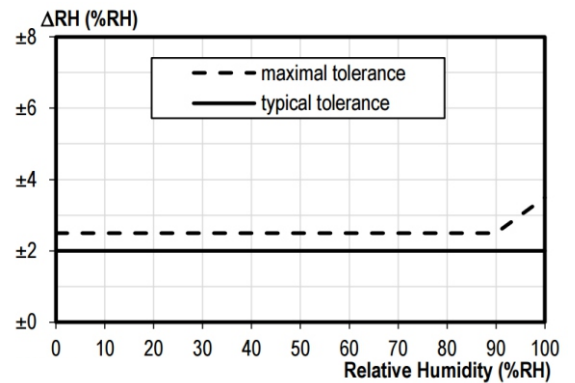
Operating voltage	KS-410: 12...30 V DC KS-420: 24V DC
Minimum loop voltage	KS-420: load (ohm) *0.02 + 8 V
Maximum loop voltage	KS-420: 30 V
Power consumption	KS-410: < 15 mA
Housing	Aluminium housing with stainless steel rod or polycarbonate housing
Dimensions LxWxH in mm	30 x 45.4 x 97.3
Protection class	Housing IP66, connector IP 67
Weight	96 g

Operating conditions

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

Measuring ranges 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...10 V or 4...20 mA



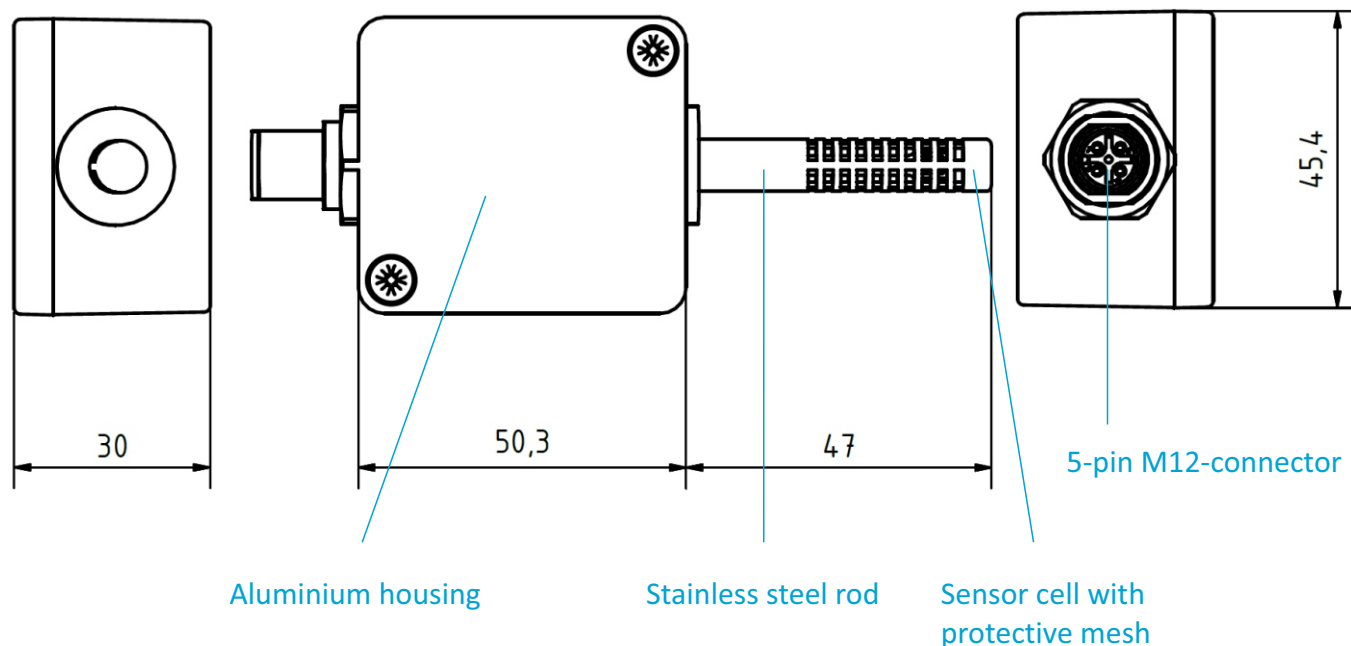
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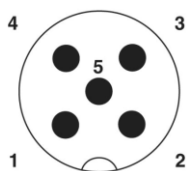
Email: info@zila.de
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Design and dimensions



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-4xx

Options for your order

KS-410: 0...10 V
KS-420: 4...20 mA
Aluminium housing or polycarbonate housing

Technical modifications reserved

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