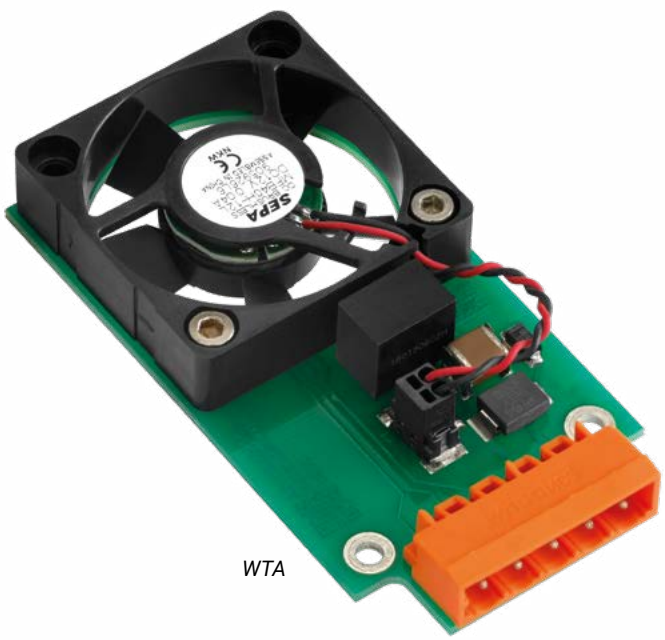
Temperature sensor WTA

Modular // actively ventilated // -40...85 °C



WTA

Highlights

- For room temperature measurement in vehicles
- Actively ventilated sensor elements → Enables hidden rear wall mounting combined with short response time
- Two integrated sensor elements → Cost savings through variant reduction
- Low noise fan → Passenger is not disturbed by fan noise
- Very high vibration resistance → Reliable and durable operation
- Type-tested according to DIN EN 50155

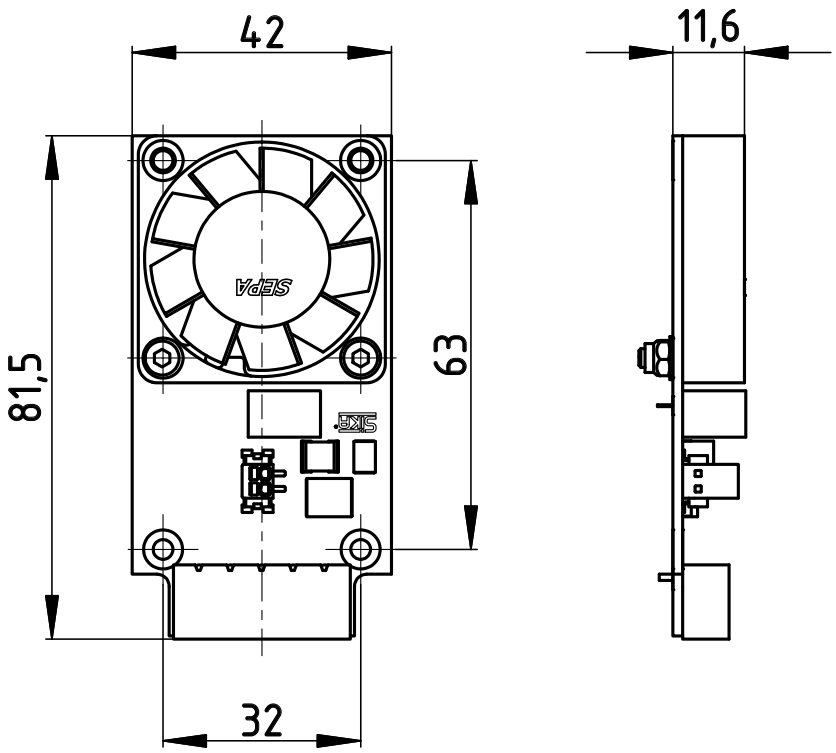
Technical data	
Type	Modular room temperature sensor for rear wall mounting, actively ventilated
Measuring range	-40…85 °C
Measuring medium	Ambient air (non-aggressive gases)
Dimensions [mm]	81.5 x 42 x approx. 11.6 (W x H x D)
Process connection	Drill holes 4 mm (optionally with customer-specific mounting plates)
Nominal pressure	n.a. (atmospheric pressure)
Medium temperature	-40…85 °C
Ambient temperature	-40...85 °C
Storage temperature	-25...70 °C
Degree of protection according to EN 60529	IP10

Electrical data	
Measuring element	1 x NTC 5k and 1 x NTC 2k
Measuring insert	Not interchangeable
Accuracy	NTC 5k@25 °C, 1 % (B25/85 = 3970 K ±1 %) NTC 2k@25 °C, 1 % (B25/85 = 3200 K ±1 %)
Electrical connection	Plug WAGO, 5-pin
Supply voltage	16…32 VDC

Grubatec AG - Gewerbehaus Ergolz, Wölferstrasse 5 - 4414 Füllinsdorf
Telefon: +41 (0)55 617 00 80 - www.grubatec.ch - sales@grubatec.ch

Technical drawing

WTA



All dimensions in mm

Materials

Materials	
In contact with media	
Complete assembly	various

Article numbers

Order code	
Type	
WTA Modular room temperature sensor for rear wall mounting, actively ventilated	W0SQC0X0XXXRA