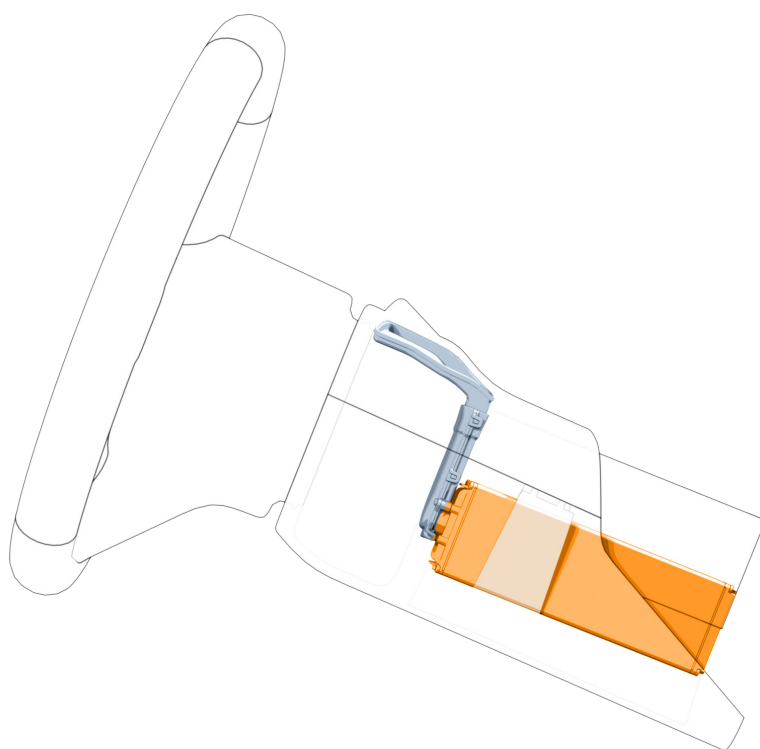


A ONE

The touch free alcohol sensor



The touch free alcohol sensor

The Senseair A ONE measures breath alcohol concentration in human exhalations. It is designed to be fully integrated in your vehicle and becomes the heart of your breath alcohol analyser system.

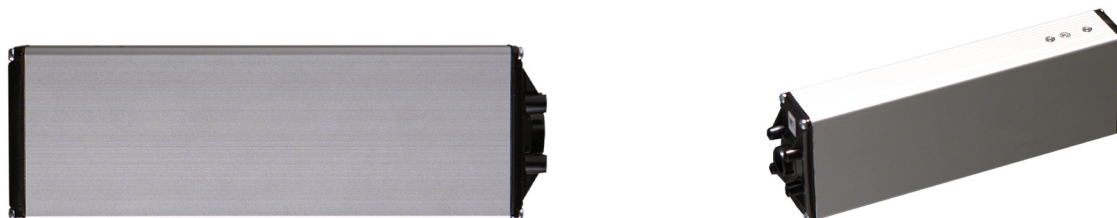
Key Benefits

- Accepts highly diluted breath samples
- No mouthpiece
- Rapid testing
- Clean behind-panel installation

Senseair A ONE

Article No. 008-15-0003

Rev: 02
Product sheet
PSH12834



Item	Senseair A ONE
Measurement unit	BrAC, mg/l
Measurement method	Contactless (mouthpiece-free)
Acceptable distance to sensor	0 - 40 cm
Operating principle	Non-dispersive infrared (NDIR)
Operating range	-40 - +85 °C, 0 - 95% RH (non-condensing)
Measurement range, BrAC	0 - 3.2 mg/l
Accuracy BrAC	±7.5% of reading or ±0.015 mg/l, whichever is larger
Precision BrAC	5% of reading or 0.015 mg/l, whichever is larger
Warm-up time @+20°C	<15 sec
Pressure dependence	Internally compensated in the range 80 kPa... 110 kPa
Power supply	12 V DC nominal, ±20%
Peak current	10 A at start-up (120 W)
Average current, typical	Less than 0.8 A (10 W)
Dimensions (L x W x H)	174.5 x 56 x 28 mm
Weight	240 g
Communication interface	CAN
HMI (Human to Machine Interface) options	Digital I/O, low voltage CMOS levels
Compliance measurement performance	SAE-J3214
Compliance EMC	E-mark