## ECU - Environmental Compensation Unit

for FPS or IDS setups

## **Technical Specifications**

	correcting for variations of index of		correcting for variations of index of
	refraction during operation at		refraction during operation at
	ambient conditions		ambient conditions
ype	hardware & software upgrade	type	hardware upgrade
nterface	GPIO port	interface	RJ12 connector
timensions	Ø 37 mm, height: 17.4 mm	dimensions	28 x 62 x 20.5 mm³
veight	36.5 g	weight	41.5 g
ntegrated sensors	T, p, rH	integrated sensors	T, p, rH
neas. accuracy T-sensor	+/-0.1 °C (050°C)	meas. accuracy T-sensor	+/- 0.1 °C (050°C)
neas. accuracy p-sensor	+/- 1 hPa (3001100 mbar)	meas. accuracy p-sensor	+/- 1 hPa (3001100 mbar)
neas. accuracy rH-sensor	+/-2%(1090%)	meas. accuracy rH-sensor	+/-2%(1090%)
yp. accuracy FPS setup	better +/- 1 ppm	typ. accuracy IDS setup	better +/- 1 ppm
ensor mount	magnetic mount, screw mount	sensor mount	screw mount
vorking environment	non-condensing	working environment	non-condensing
able length	5 m	cable length	3 m
naximum separation from sensor	≤ 3 m	maximum separation from sensor	≤ 3 m

Article Numbers

FPS ECU IDS ECU

1008536 1010698

## Drawings



All rights, including rights created by patent grant or registration of a utility model or design as well as rights of technical modifications are reserved. Delivery subject systems AG 2001-2015. Issued 2015/7



