PreSens
PRECISION SENSING

Final Inspection Protocol

Type of sensor	Integration of Oxygen Sensor PSt3
Ordering code	Int-SP-PSt3-YAU-D5-YOP
Article number	200000787
Batch number	200123-001_PSt3-1208-01
Date	17 Feb 2020
Reference device	SACF0002000523

Dear customer,
Data are specific for the test instrumentation used in our laboratory. Your instrument in combination with the sensors might show different signal amplitude and phase angles.

Data

Atmospheric Pressure: **973** hPa
Calibration Mode **Humid**

	Phase signal	Valide range	Temperature	Valid range	Amplitude	QC-passed?
	[°]	[°]	[C°]	[C°]	[µV]	(ok / failed)
cal 0 0 %a.s.	**60.94**	58.00 - 62.00	**19.8**	18.0 - 22.0	306592.4	OK
cal 2nd 100 %a.s.	**27.84**	25.00 - 29.00	**19.8**	18.0 - 22.0	129543.4	OK

Response time [t90]: < 60 s **Valid range:** < 60 s

Please type in these values into the software for "manual calibration"

Sensor Constants

f1 = 0.810	**dPhi1 = -0.06684**	**dKSV1 = 0.000394**
m = 29.17	**dPhi2 = -0.00035**	**dKSV2 = 0.000000**

Sensor is within the accepted tolerance window
Sensor is visually inspected.

Inspected by (name, date) Ch. Rapi 17. FEB. 2020

Approved by (name, date) Th. Eisenbeis 17. FEB. 2020