

Final Inspection Protocol

Type of sensor	Oxygen sensor spot
Ordering code	SP-PS5-NAU-D3-YOP
Article number	200000544
Batch number	Pst5-2534-01
Production Date	19 Aug 2025
Reference devices	SEBX 000 4 000 1127 SEBX 000 4 000 1128 SEBX 000 4 000 1129

Dear customer,

Please upload the file with the **BATCH NUMBER** above (corresponding to the batch number printed on the package of your Sensor Spot) in the SDR software. The file will be sent to you by e-mail. Choose this batch number in the software for your measurement.

Data

Data were obtained with calibration solutions at 0 and 21 % O₂ at 10 and 25°C.

	for T _m = 10 °C	for T _m = 25 °C	Valid Range for T _m = 10 °C	Valid Range for T _m = 25 °C	Passed?
O2_cal0 [°]:	55,76	54,09	52.50 - 59.00	50.00 - 57.00	yes
O2_cal2nd [°]:	49,96	47,13	46.00 - 52.00	42.00 - 49.00	yes
O2_T0 [°C]:	9,7	24,8	9.5 - 10.5	24.5 - 25.5	yes
O2_T2nd [°C]:	9,7	24,8	9.5 - 10.5	24.5 - 25.5	yes
O2_2nd [% air sat.]	100	100	100	100	yes
O2_Patm [mbar]:	975	975	900 - 1100	900 - 1100	yes

Quality control

		Result at 10 °C	Result at 25 °C	Valid range	QC passed?
Precision [% O ₂]	at 0 % O ₂ :	0,26	0,11	≤ 1.00	yes
	at 21 % O ₂ :	0,52	0,82	≤ 1.00	yes
Resolution [% O ₂]	at 0 % O ₂ :	0,11	0,09	≤ 0.40	yes
	at 21 % O ₂ :	0,22	0,28	≤ 0.40	yes

Sensors are visually inspected.

The sensors of this batch have passed the final inspection and comply with the required quality criteria.

S. Rabsilber 19. AUG. 2025

Inspected by (name / date)

A. Maier 19. AUG. 2025

Approved by (name / date)

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