

CALIBRATION CERTIFICATE

Certificate #	Customer Name	Customer Address
000053-140177 (2)	Mercedes Benz (Daimler) / Interfaceforce e.K	Wickrather Strasse 129. Monchengladach 41236. Germany

SENSOR SPECIFICATIONS

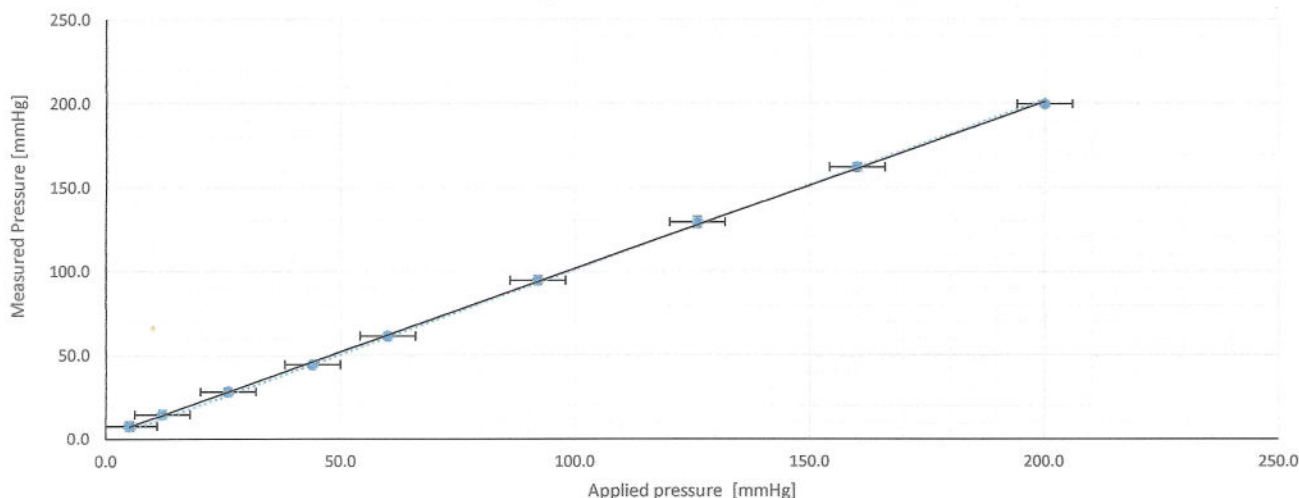
Model #	Serial Number (PID)	Pressure Range	Accuracy	Uncertainty	Method	Procedure	Software
LX100:48.48.02	SPCDU109 S0009 R01	5.0-200.0 mmHg	± 5% FS averaged over all sensor cells	± 5.9 mmHg	Under 5psi Linear Calibration Procedure	XCP-0002	XSW-0003 LX07_0000_061

CALIBRATION DETAILS

Calibration Equipment ID Numbers			Environmental Conditions		SPK Serial Numbers	
Location / ID	FS Calibration Station	000053	Temperature (°C)	Humidity (%)	SPK # 1	AQPSPK01R08S2262
IP Regulator / ID	900-CLA (0-15psi)	000082	21	18	SPK # 2	
	2015-08-04		Calibration Filename		SPK # 3	
Sensor / ID	Temp. & rH sensor	000146	LX100484802-0009-200MHG-20141114-2040.xsc		SPK # 4	

SUMMARY OF RESULTS

Average Verification Pressures (As-Left) $R^2 = 0.9997$



The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%

Interval	Applied pressure		AS FOUND				AS LEFT				
			Measured Pressure		Standard Deviation		Full-Scale Error (%)	Measured Pressure		Standard Deviation	
	mmHg	kPa	mmHg	kPa	mmHg	kPa		mmHg	kPa	mmHg	kPa
1	5.0	0.7						7.7	1.0	0.3	0.0
2	12.0	1.6						14.8	2.0	0.2	0.0
3	26.0	3.5						28.3	3.8	0.4	0.0
4	44.0	5.9						44.4	5.9	0.5	0.1
5	60.0	8.0						61.4	8.2	0.7	0.1
6	92.0	12.3						94.7	12.6	0.7	0.1
7	126.0	16.8						129.3	17.2	0.7	0.1
8	160.0	21.3						162.4	21.6	0.7	0.1
9	200.0	26.7						199.8	26.6	0.6	0.1

CERTIFICATION STATEMENT

This is to certify that the sensor as identified by the preceding serial number was tested and calibrated by XSENSOR Technology Corporation using equipment traceable to the National Institute of Standards & Technology (NIST) and was found to comply with all applicable product specifications. The calibration performed on this sensor is ISO/IEC 17025:2005 accredited (A2LA accredited cert # 3589.01).



Pavel Andrey Ayaton
Name

Quality Specialist
Title

[Signature]
Authorization Signature

Nov 14th 2014
Calibration Date

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