Fox Valley Metrology
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CERTIFICATE OF CALIBRATION

ilac-MRA
ANAB
ANSI National Accreditation Board
ACCREDITED
ISO/IEC 17025
CALIBRATION AND DIMENSIONAL MEASUREMENT
Certificate No. ACT-1272

CERTIFICATION NUMBER	CP134-00025-840
FOR	Sample Manufacturing 3121 Medalist Drive Oshkosh, WI 54902
TEST INSTRUMENT	Pressure Transducer
MAKE	Omega
MODEL	PX309-100G5V
RANGE	(0 to 100) psi
ACCURACY	±(0.25% BFSL)
CUSTOMER LOCATION	Location1 Location2
CONDITION RECEIVED	In Tolerance
CONDITION RETURNED	In Tolerance
CALIBRATED BY	Alex Paulsen
REVIEWED/ISSUED	D.P. 07/29/2025
CALIBRATION LOCATION	FVM
ENVIRONMENT	69.0°F, 31.0%RH, 29.02inHg
CALIBRATION DATE	05/14/2025
RECALIBRATION DUE	05/14/2026

IDENTIFICATION	MC-033E
SERIAL NUMBER	25
PURCHASE ORDER #	

PROCEDURES FOLLOWED

MC-033E rev. 1

STANDARDS USED

INSTRUMENT	SERIAL NUMBER	TRACE NUMBER	NEXT CAL
FVS-275M	16787403.2849444 516308752	CO141-16400-690	06/20/2025
FVS-725	43580001	CP027-34171-339	01/31/2026
FVS-725B	44570001	CP027-23030-510	01/31/2026
FVS-817	3146A69461	CO290-53631-642	10/31/2025

CALIBRATION RESULTS

* DENOTES "OUT OF TOLERANCE"

FEATURE	NOMINAL	LOWER LIMIT	UPPER LIMIT	AS FOUND	AS LEFT	UNCERTAINTY
Linearity	(V)	(V)	(V)	(V)	(V)	(V)
@0.0000psi	0.00001	-0.01249	0.01251	0.00000	0.00000	7.1E-06
@10.0001psi	0.50001	0.48751	0.51251	0.50003	0.50003	1.1E-04
@25.0003psi	1.25002	1.23752	1.26252	1.25001	1.25001	1.8E-04
@50.0002psi	2.50002	2.48752	2.51252	2.50001	2.50001	4.2E-04
@75.0001psi	3.75001	3.73751	3.76251	3.75002	3.75002	5.7E-04
@99.9997psi	4.99999	4.98749	5.01249	4.99999	4.99999	9.7E-04

Reviewed

Sensitivity	Slope	Intercept
0.05000 V/psi	20	-0.00013

Excitation Voltage
10 V(dc)

COMMENTS

Example certificate, actual results and uncertainties will be reported at the time of calibration.
Nominal and limits may vary based on actual make/model.

■ This certificate shall not be altered in any form or reproduced, except in full, without prior written approval from originating lab. These results relate only to the item(s) calibrated. Form Revision 10: 06/04/2024

■ Total expanded measurement uncertainties expressed are based on a confidence level of 95%; coverage factor of (k=2). The statement of compliance in this certificate was issued without taking the uncertainty of measurement into consideration. The customer shall assess the results and uncertainty when determining if the results meet their needs. (This is considered “shared responsibility.”) Uncertainties expressed in nominal units.

■ The calibrations within the certificate/report are traceable through NIST or another National Metrology Institute to the International System of Units (SI). Calibration was completed in accordance with ISO/IEC 17025:2017, ANSI/NCSL Z540-1-1994 and ANSI/NCSL Z540.3-2006. Other standards listed upon request.