

Certificate No.: 480-0883358
Procedure No.: MFR



Control No.: 103427
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UNIT UNDER TEST

Manufacturer: ASHCROFT
Model No.: AM2-1
Serial No.: AM2-4741
Cust. Ref. No.:
Description: NON-ISOLATED SENSOR
Date Rec'd: 5/22/2019
Condition Rec'd: GOOD

SUBMITTED BY

Customer: K&S TECHNICAL SERVICES, INC
941 NEW LONDON ROAD
NEWARK, DE 19711
P.O. #: 10343
Precal: IN SPEC **Final:** IN SPEC

CALIBRATION CERTIFICATE

Unit was adjusted.

All calibrations are performed by qualified personnel using instrumentation, procedures and methods which guarantee specifications claimed are reliable. When specified, all calibrations are performed in accordance with current ISO/IEC 17025, ANSI/NCSL Z-540-1, MIL-STD-45662A, and ENV/Pro-Lab Quality Manual - Rev 5. Standards used are traceable to The National Institute of Standards and Technology (NIST). Expanded uncertainties are calculated using methods described in the Guide to the Expression of Uncertainty of Measurement (GUM) utilizing a coverage factor of K=2 (95% confidence) and kept on file at Pro-Lab. At a minimum, standards are selected with an uncertainty of 25% or better, where possible. This certificate and/or data shall not be reproduced except in full, without the written permission of Pro-Lab Management.

Standards Used

Asset #	Description	Certificate Number	Date Due
01377	DIFFERENTIAL PRESSURE SENSOR	52-VEN-11013	9/12/2019

Temperature: 24.4 C
Humidity: 45.4 % RH
Approved By: Jennifer Shelly
Laboratory Supervisor
E-Signed 10-Jun-2019 9:55 AM

Date Tested: 07-Jun-2019
Date Due: 07-Jun-2020
Calibrated By: Keith Murray, Sr.
Sr Calibration Technician
E-Signed 10-Jun-2019 9:17 AM

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CALIBRATION DATA

The Cal Procedure was taken from the ATE-2 Instruction Manual

Note: Calibration results may drift from documented values prior to calibration due date attributable to various factors. Results obtained apply to the UUT only and are reflective of conditions at the time of this test. Measurement uncertainty is not taken into account when statements of compliance with specifications are made.

Differential Pressure

Description	Standard	As Found	Final	Min.	Max.
inh2o_4c	0.0001	0.0012	0.0012	-0.0059	0.0061
inh2o_4c	0.0976	0.0961	0.0961	0.0916	0.1036
inh2o_4c	0.1972	0.1965	0.1965	0.1962	0.2032
inh2o_4c	0.2967	0.2958	0.2958	0.2907	0.3027
inh2o_4c	0.3964	0.3956	0.3956	0.3904	0.4024
inh2o_4c	0.4962	0.4956	0.4956	0.4902	0.5022
inh2o_4c	0.5959	0.5952	0.5952	0.5899	0.6019
inh2o_4c	0.6955	0.6953	0.6953	0.6895	0.7015
inh2o_4c	0.7935	0.7931	0.7931	0.7875	0.7992
inh2o_4c	0.8951	0.8953	0.8953	0.8891	0.9011
inh2o_4c	0.9943	0.9946	0.9946	0.9883	1.0003