

Certificate No.: 480-1350922
Procedure No.: PTE-2 MANUAL



Control No.: 634073
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UNIT UNDER TEST

Manufacturer: ASHCROFT
Model No.: HM2-1
Serial No.: HM2-4234
Cust. Ref. No.:
Description: NON-ISOLATED SENSOR
Date Rec'd: 4/28/2022
Condition Rec'd: GOOD

SUBMITTED BY

Customer: K&S TECHNICAL SERVICES, INC
941 NEW LONDON ROAD
NEWARK, DE 19711

P.O. #: 10359

Precal: OUT OF SPEC Final: IN SPEC

CALIBRATION CERTIFICATE

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-540.3, 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
865	PRESSURE TRANSDUCER- MKS BARATRON

Certificate Number
52-VEN-1141

Date Due
6/28/2023

Temperature: 22.4 C
Humidity: 47.1% RH
Approved By: Joseph Wickward
Reg Calibration Manager
E-Signed 12-May-2022 2:50 PM

Date Tested: 12-May-2022
Date Due: 12-May-2023
Calibrated By: Keith Murray, Sr.
Sr Calibration Technician
E-Signed 12-May-2022 1:37 PM

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CALIBRATION DATA

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 test. Statements of conformity resulting from the calibration performed on the calibrated item(s) are based on the simple acceptance method unless otherwise specified. This is a shared risk decision rule which the customer also has responsibility for determining acceptance of the results.

Differential Pressure

Description	Standard	As Found	Final	Min.	Max.
inh2o	0.0000	0.0000	0.0000	-0.0012	0.0012
inh2o	0.1987	0.1982	0.1986	0.1975	0.1999
inh2o	0.3980	0.3968	0.3979	0.3968	0.3992
inh2o	0.5983	0.5968	0.5984	0.5971	0.5995 A
inh2o	0.7980	0.7953	0.7980	0.7968	0.7992 A
inh2o	0.9977	0.9932	0.9978	0.9965	0.9989 A
inh2o	1.1967	1.1943	1.1968	1.1965	1.1979 A
inh2o	1.3965	1.3929	1.3965	1.3953	1.3977 A
inh2o	1.5970	1.5929	1.5970	1.5958	1.5982 A
inh2o	1.7963	1.7919	1.7965	1.7951	1.7975 A
inh2o	1.9966	1.9908	1.9967	1.9954	1.9978 A