ISO/IEC 17025 ACCRED	ITED (CALIBR	ATION CE	ERTI	FICATE		1.3463	3260
Instrument adjustment:		□ A5	FOUND	×	AS LE	FT		N.
Comments:	,			······································				
CORIOLIS ISO/IEC 17025 VERIFY		<u> </u>	Re-F					
Model Code	Seria	ıl ID	Order ID			_ine	Item	Customer Tag
CMFS040MB67N2BAE2ZZ	12	161187	10298941		2	2.1	1	
PUCK800	25	983526						

D1:	0	FD:	1600	Density PCP/PCF:	0.0/0.0000	DFQ1:	0
D2:	1	DensCal:	05652065474.42	Flow PCP/PCF:	0.0/0.0	DFQ2:	0
K1:	5652.29	DensMF	1	FlowCal:	29.7674.51	FFQ:	0
K2:	6547.447	VolMF:	1	Zero(uSec):	0.0111	FTG:	0
DT:	4.423	MassMF:	1	Mass flow cutoff(kg/min):	0.038	DTG:	0

Grp	Mass Rate (kg/min)	Mass Total (kg)	Mass Error (%)	Volume Rate (I/min)	Volume Total (I)	Volume Error (%)	Density (kg/m³)	Density Error (kg/m³)	Fluid Pressure (kPa)*	Fluid Temp (°C)*
1	38,68	38.73623	-0.010	38.77	38.82959	-0.015	997.5957	0.05	221.9	23.5
2	3.776	3.779047	-0.015	3.785	3.788284	-0.015	997.5617	0.00	213.4	23,4
3	19.09	19,12770	-0.002	19.14	19.17643	0.001	997.4585	-0.04	207.5	23.7

^{*}These measurement results are not part of the laboratories scope of accreditation.

Calib	ration	ı Uncertai	nties						Manufacti	urer Specific	ations
Grp	Rpts (n)	Mass Rate (kg/min)	Mass u _^ (%)	Mass U ₉₅ (%)	Volume u _A (%)	Volume U ₉₅ (%)	Density u _A (kg/m³)	Density U ₉₅ (kg/m³)	Mass Spec ± (%)	Volume Spec ± (%)	Density Spec ± (kg/m³)
1	4	38.68	0.009	0.035	0.011	0.038	0.02	0.09	0.050	0.071	0.50
2	3	3.776	0.005	0.032	0.005	0.032	0.00	0.08	0.050	0.071	0.50
3	3	19.09	0.001	0.030	0.004	0.032	0.04	0.11	0.050	0.071	0.50

Calibration Operator

BIJAY KHALING

Print

igrature 7242018

Eng, Global Calibration Quality

Ahmed Almazoory

Print

Signatura

Date

Note: Calibration certificate without signatures and seal is not valid.

End of calibration certificate

MICTO MOJE Quality Assurance Asturance





Micro Motion, Inc. 7070 Winchester Circle, Boulder CO 80301 USA

Object:	Coriolis flow meter	These measurements have been made using the calibration standard listed, which is traceable to the International System of Units (SI), through one or
Object description-100% rate:	38.6 KG/MIN	more of the following National Metrology Institutes: CENAM-Mexico, INM-Romania, NIM-China, NIST-USA, and VSL-The Netherlands.
Manufacturer:	Micro Motion, Inc.	USA, and VSE-The Nedlenands.
Туре:	CMFS040MB67N2BAE2ZZ	
Serial number:	12161187	
Customer:	GENERAL ELECTRIC CO 4000 BUECHEL BANK RD LOUISVILLE, KY, 40225-0001, US	This calibration was performed by comparison to a reference meter (dynamic start/stop reference meter method) as described in ISO 10790:2015(E) "Measurement of fluid flow in closed conduits - Guidance to the selection, installation and use of Coriolis meters (mass flow, density and volume flow
Order number:	10298941	measurements)", Annex A "Calibration techniques" and the internal procedure(s) listed below.
Date of calibration:	2018.07.24 23:32:14	
Calibration fluid:	H2O	
Calibration standard:	TSM1A	
Reference conditions:	208 222 kPa(g) 23.4 23.8 degC	
Environmental conditions:	85 kPa(a) 22.1 22.5 degC 15 85 %RH	Internal procedures: GWI 24
Measurement uncertainty:	The reported expanded uncertainties (U ₉₅) coverage factor <i>k</i> =2, which provides a confidetermined in accordance with the GUM and	are based on the combined uncertainties multiplied by a lidence level of approximately 95%. All uncertainties have been at EA 04/2.

The processes used to obtain these calibration results comply with the requirements of ISO/IEC 17025:2005, and ANSI/NCSL Z540-1-1994; Part 1.

This calibration certificate only applies to the item(s) identified and shall not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the United States Federal Government.

[16]15,0.0.176 Page 1 of 2

JO Movio

Assurance

Micro Motion, Inc.		Transmitter Configuration Report		72464827	037
Product Code Se	Serial ID	Order ID	ine Item	Customer Tag	
CMFS040MB67N2BAE2ZZ 12	12161187				
5700R12CBAAZZZ 12					
PUCK800 25	25983526				
Process		7			
Process ID Process Time	sID : 1.34634363 ime : 2018.07.25 13:29:15		no./awwww.wananin	THE PARTY OF THE P	TO THE TAXABLE PARTY OF TAXABLE PAR
Process Stand	••				
Sensor		Units			
	D1 : 0	esperantum (MT) (MT)	Special Mass Total Text :	NONE	TOUR DESCRIPTION OF THE PROPERTY OF THE PROPER
	D2 : 1		Special Volume Base Unit:	r	
	DFQ1 : 0	ls.		H	
	DFQ2 : 0			NONE	
	DTG : 0		Special Volume Time Unit :	SEC	
Density Meter Factor	ector: 1		Temperature Unit :	α	
	FCF: 29.767		Velocity Unit :	meters per second	
	••		Volume Flow Unit:		
		MVD Chanr	MVD Channel Assignments	II	
	••		Channel C Assignment : Frequency	Frequency (Primary) Output	ut [#1]
Flow PCP	PCP: 30	Assignmen	is ciamici of onci		(u,
Flow PCF	••		Event 1 Variable :	Density	Annual Section Control of the Contro
			Event 2 Variable :		
Mass Flow Motor Fo		Ranges			
Volume Flow Meter Factor .	<u> </u>	***************************************	Event 1 Setpoint :	0	
Units			Event 1 Type :	Event Low (Event "OFF" if	f PV > SP)
Density Unit	Unit : G/CM3	7777	Event 2 Type :	HANDEL LOSS (MANDEL LOSS)	717
GSV Flow Unit:	Unit : SCFM	Other	Event z Type -		L 44 > 04)
Mass Flow Unit :	Unit : G/SEC	Calc	Calibration Broose ID :	1 34633060	
Pressure Unit :			Core Software Rev	450 450	
Special GSV Base Time Unit :	••		Default Gateway Sect :	D	
Special GSV Base Volume Unit	Unit : Standard cubic feet		Default Gateway Sec? :	0 (
Special GSV Conv Factor	••		Default Gateway Sec3 :	0	
Special GSV Flow Unit Text :	Text: NONE		Default Gateway Sec4 :	0	
Special Mass Bass IInit :			Density Cutoff:	0.2	
Special Mass Conv Factor :			Density Damping :	1.28	
Special Mass Flow Text:	Text: NONE		Density High Limit	ט ע	
Special Mass Time Unit:	Unit : SEC		Fault Dwell Time:	0	
Management of the second secon					

Micro Motion, Inc.

Transmitter Configuration Report

12161827

Feature Bits: 512

Flow Damping: 0.64
IP Address Sec1: 192
IP Address Sec2: 168

IP Address Sec4 : 1 IP Address Sec3 : 0

LD Type: 0

Mass Flow Cutoff: 1.333333

Pressure Comp Line Pressure: 0

Pressure Compensation State : OFF
Slug Duration : 0
Subnet Mask Sec1 : 255

Subnet Mask Sec2: 255

Subnet Mask Sec3 : 255

Subnet Mask Sec4 : 0

Tag:
Temperature Damping: 4.8
Transmitter Software Rev: 140

Volume Flow Cutoff: 0.08