

Product Code CNG050S290NCAAEZZZ Serial ID 13190935 Order ID 10274706 Line 1.1 Item 3 Customer Tag 18011200



10274706

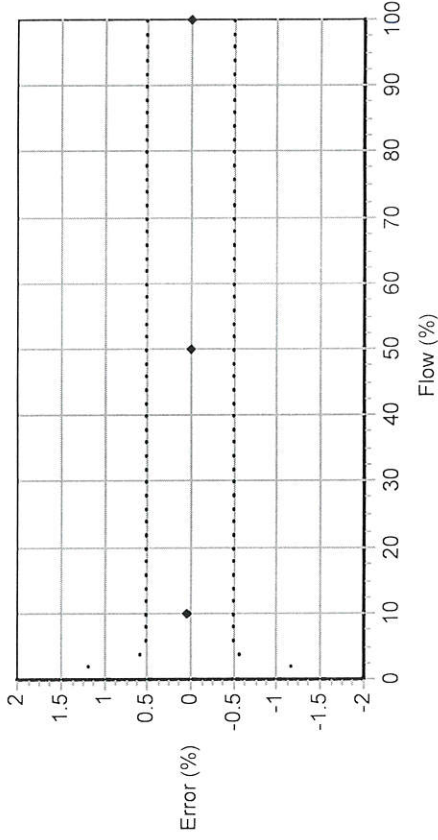
1.1 3

Process

Detail



Process ID : 5.26736065
 Process Time : 2017.11.29 18:50:16
 Process Stand : TSGCNG@SSCN:1
 Stand Uncertainty : +/-0.030%
 Fluid : H2O
 100% Rate : 38.6 KG/MIN
 Pickoff : 1
 Max Rate P/T : 47.54 PSIG/25.4 C



Results

Status : PASS
 D1 : 0
 D2 : 1
 K1 : 4026.629
 K2 : 4198.142
 DT : 4.25
 FD : 0
 DTG : 0
 DFQ1 : 0
 DFQ2 : 0
 FlowCal : 139.244.50
 FFQ : 0
 FTG : 0
 DensCal : 04027041984.25
 FCF : 139.24
 FT : 4.5

Flow (%)	Flow Rate (kg/min)	Meter Total (kg)	Reference Total (kg)	Error (%)	Specification (±%)
100.0	38.6	39.66472	39.66871	-0.010	0.500
10.0	3.86	3.799591	3.797847	0.046	0.500
50.0	19.3	19.54157	19.54394	-0.012	0.500
100.0	38.6	39.22017	39.21954	0.002	0.500

By Bal Carter

CHEN, QIANG

Technician

This certificate is produced by an electronic data system and is valid without signature.

Product Code	Serial ID	Order ID	Line	Item	Customer Tag
CNG050S290NCAAEZZZ	13190935	10274706	1.1	3	
2700I13ABAEZWZ	3388188	10274706	1.34	3	
PUCK700	25936826				

1801/200

Process

Process ID : 1.34190967
 Process Time : 2017.12.20 16:49:25
 Process Stand : SSCB-CONFIG1@SSCB



Sensor

Units

D1 : 0
 D2 : 1
 DFQ1 : 0
 DFQ2 : 0
 DT : 4.25
 DTG : 0

Density Meter Factor : 1
 Density Press Comp Factor : 0

FCF : 139.24
 FD : 0
 FFQ : 0
 FT : 4.5
 FTG : 0

Flow PCP : 0
 Flow PCF : 0

K1 : 4026.629
 K2 : 4198.142

Mass Flow Meter Factor : 1
 Temperature Cal Factor : 1.00000T.00000
 Volume Flow Meter Factor : 1

Density Unit : G/CUCM
 GSV Flow Unit : SCFM
 Mass Flow Unit : G/S
 Pressure Unit : PSI

Special GSV Flow Unit Text : NONE
 Special Mass Base Unit : GRAM
 Special Mass Conv Factor : 1
 Special Mass Flow Text : NONE
 Special Mass Time Unit : SEC
 Special Mass Total Text : NONE
 Special Volume Base Unit : LITER

Special Volume Conv Factor : 1
 Special Volume Flow Text : NONE
 Special Volume Time Unit : SEC
 Special Volume Total Text : NONE
 Temperature Unit : DEGC
 Volume Flow Unit : L/MIN

Assignments

Event 1 Variable : DENSITY
 Event 2 Variable : DENSITY
 Frequency1 Scaling Method : FREQUENCY/FLOW
 Frequency Variable 1 : MASS FLOW RATE
 mA1 Variable : MASS FLOW RATE

Ranges

Event 1 Setpoint : 0
 Event 1 Type : LOW ALARM
 Event 2 Setpoint : 0
 Event 2 Type : LOW ALARM
 Frequency1 Active State : ACTIVE HIGH
 Frequency1 Hertz : 1000
 Frequency1 Pulses/Unit : 25.90674
 Frequency1 Rate : 38.6
 Frequency1 Units/Pulse : 0.0386
 mA1 LRV : 0
 mA1 URV : 38.6

Faults

Frequency1 Fault Behavior : UPSCALE
 Frequency1 Fault Value : 15000
 RS485 Fault Behavior : NONE
 mA1 Fault Behavior : DOWNSCALE
 mA1 Fault Value : 2

Other

Calibration Process ID : 5.26736065

Other

18011200

Core Software Rev : 35
Density Cutoff : 0.2
Density Damping : 1.6
Density High Limit : 5
Density Low Limit : 0
Direction : FORWARD
Fault Dwell Time : 0
Feature Key : 1
Flow Damping : 0.8
HART Device ID : 5948544
LD Coil : 0
LD Type : 0
Mass Flow Cutoff : 1.836
Pressure Comp Line Pressure : 0
Pressure Compensation State : OFF
RS485 Baud : 1200
RS485 Parity : ODD
RS485 Protocol : HART
Slug Duration : 0
Tag :
Temperature Damping : 4.8
Transmitter Software Rev : 66
Volume Flow Cutoff : 0.11016



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2/5/2018

Dispenser Serial Number 18011200

Micro Motion Transmitter Configuration

Required settings for correct operation of Micro Motion mass flow meter.

Transmitter Model Number: 2700
Sensor Model Number: CNG095
Transmitter Serial Number: 3388188
Sensor Serial Number 13190935
Flow Calibration Factor: 139.244.50
Flow Units lb/min

Communication on RS-485

Protocol Modbus ASCII 7 Bit
Modbus Address 1
Baud Rate 9600
Parity Even
Stop Bits 1

HART Communication

Superimposed on Primary mA (PV)

Analog Output (4-20 mA)

Analog Variable (PV) Mass Flow
Lower Range Value 00000 lb/min
Upper Range Value 300.000 lb/min
mA Cutoff 0.0000 lb/min

Freq/Rate

Frequency variable (TV) Mass Flow
Frequency Cutoff 0.2500 lb/min
Pulses per Unit 1000.00000 per lb

Temperature

Temp Units deg F