Endress+Hauser

People for Process Automation

Flow Calibration with Adjustment

21683520-4508832

3800387999
Purchase order number

US-3006053919-11 / Endress+Hauser Flowtec AG
Order N°/Manufacturer

5W4C2F-7DA0/0
Order code

Promag W 400 10"
Sensor/Transmitter

N7236119000
Serial N°

FE/FIT-271
Tag N°

FCP-7.1.2
Calibration rig

185 l/s (≙ 100%)
Calibrated full scale

Service interface
Calibrated output

1.1376
Calibration factor

2
Zero point

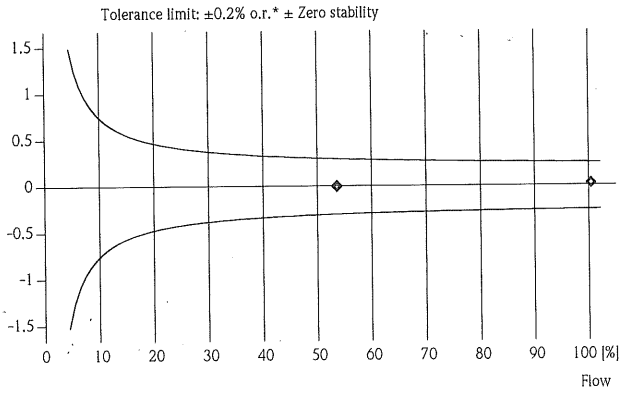
76 °F
Water temperature

Flow [%]	Flow [l/s]	Duration [s]	V target [l]	V meas. [l]	Δ o.r.* [%]	Outp.** [mA]
53.4	98.693	60.1	5927.33	5927.26	0.00	12.54
53.4	98.730	60.1	5929.65	5930.15	0.01	12.54
100.3	185.571	60.1	11145.1	11148.2	0.03	20.05
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*o.r.: of reading

**Calculated value (4 - 20 mA)

Measured error % o.r.



For detailed data concerning output specifications of the unit under test, see Technical Information (TI), chapter Performance characteristics.

Traceability to the national standard for all test instruments used for the calibration is guaranteed.

Endress+Hauser Flowtec operates ISO/IEC 17025 accredited calibration facilities in Reinach (CH), Cernay (FR), Greenwood (USA), Aurangabad (IN), Suzhou (CN) and Itatiba (BR).

12.09.2018
Date of calibration

Endress+Hauser Flowtec AG
Rue de l'Europe 35 / Kägenstrasse 7
F-68700 Cernay / CH-4153 Reinach

R. Barina
Operator

Certified acc. to
ISO 9001

Endress+Hauser
People for Process Automation

Parameter Settings

Order information	
Customer	TESCO CONTROLS INC US-95828 SACRAMENTO
Customer purchase order	0215512
Sales order number / Item	3800387999
Internal order number / Item	US-3006053919-11

Device information	
Description	Promag W 400 10"
TAG	FE/FIT-271
Serial number	N7236119000
Order code	5W4C2F-7DA0/0
Extended order code	5W4C2F-AAALIP5DUA1K1B+CBZ1

Device	
Device software	02.00.01
Communication type	HART
Device revision	Dev.Rev.: 8
Application package code	63749341
MAC Address 1	00-07-05-14-18-13
Bus address	0

Expert → Sensor → System units	
Volume flow unit	gal/min (us)
Volume unit	gal (us)
Mass flow unit	lb/min
Mass unit	lb
Density unit	kg/l
Temperature unit	°F
Conductiv. unit	µS/cm

Expert → System → Display	
Display language	English
Format display	1 value, max.
Value 1 display	Volume flow
Value 2 display	None
Value 3 display	None
Value 4 display	None
Display damping	0 s

Operator
Cernay, 2018-09-12, Martine Delagree

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Endress+Hauser Flowtec AG
Rue de l'Europe 35
F-68700 Cernay

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Parameter Settings

Device information	
Description	Promag W 400 10"
TAG	FE/FIT-271
Serial number	N7236119000

Expert → Application → Totalizer 1	
Assign variable	Volume flow
Unit totalizer1	gal (us)
Operation mode	Net flow total
Failure mode	Stop

Expert → Application → Totalizer 2	
Assign variable	Volume flow
Unit totalizer2	gal (us)
Operation mode	Net flow total
Failure mode	Stop

Expert → Application → Totalizer 3	
Assign variable	Volume flow
Unit totalizer3	gal (us)
Operation mode	Net flow total
Failure mode	Stop

Expert → Output → Curr.output 1	
Assign curr. 1	Volume flow
Current span	4...20 mA US
0/4 mA value	0 gal/min (us)
20 mA value	1500 gal/min (us)
Failure mode	Max.
Damping out. 1	1 s

Expert → Output → PFS output 1	
Assign pulse 1	Volume flow
Value per pulse	15 gal (us)
Pulse width	100 ms
Failure mode	No pulses

Expert → Output → PFS output 2	
Assign pulse 2	Off

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