Base Load Power Hub (BLPH)

ULTRASONIC FLOWMETER

DATA SHEET - ULTRASONIC FLOWMETER

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Document Class: 3

ROSETTI MARINO

1	NO COMMENTS - APPROVED - WORK MAY PROCEED
2	MINOR COMMENTS - REVISE AND RESUBMIT - WORK MAY PROCEED
3	MAJOR COMMENTS – REJECTED – DO NOT PROCEED
4	APPROVAL NOT REQUIRED

NOTE: Approval doesn't relieve the supplier from mandatory compliance with contractual documents and specifications. Comments made do not imply acceptance of any cost or delivery impact.

Sign	Date
V. Barratta	23-01-2025

Rev.	Date	Description	Prepared	Reviewed	Approved
02	16/01/2025	Issue for Information (IFI)	BH DC	Tom Griffin	Niall Townsend
01	08/11/2024	Issue for Information (IFI)	BH DC	Tom Griffin	Niall Townsend
00	08/10/2024	Issue for Information (IFI)	BH DC	Tom Griffin	Niall Townsend

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		00	01	02					
1	Cover	X	X	X					
2	Table of Contents	X	X	X					
3	Revision / Change Log / Hold List	X	X	X					
4	DATA SHEET - ULTRASONIC FLOWMETER	X	X	X					

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Revision / Change Log

Rev.	Description
00	Issue for Information (IFI)
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HOLDS LIST

No.	Description
1.	
2.	
3.	
4.	

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ULTRSONIC FLOWMETER APPLICATION DATA SHEET
Rev B

1	Tag Number	43-FT-001			
2	P&ID Number	123A901-DDL-PR-PID-80029			
3	Service	HDROGEN FROM KO DRUM TO HYDROGEN VENT (Q-43004)			
4	Line Size/Schedule	10"/Sch 10			
5	Line Material	ASTM 316/316L			
6	Flowcell	A312 Gr TP316/316L, Sch 40 (pipe), taper bored to Sch 10, A182 Gr F316/316L (flanges)			
7	Pre-amplifer	Xamp, 316SS enclosure, IP65/66			
8	IVA	2" 150# Gate valve, Body A351 CF8M, Trim 316SS			
9	Fluid / Phase	Gas/Single			
7		**MIN**	**NORMAL**	**MAX**	**UNIT**
8	Operating Flow Rate	690	1067	3095	kg/hr
9	Operating Pressure	0	50	50	kPa
10	Operating Temperature	-8.4	10.5	25	°C
11	Viscosity	0.01	0.01	0.01	cP
12	Density	0.11	0.11	0.11	kg/m³
13	Power Supply	12-28 VDC			
14	Measurement Mode	Transit Time			
15	Meter Range	bi-directional -100 to 100 m/s			
16	Accuracy	± 0.8% full scale			
17	Input/Output Signals	2x 4-20mA ip, 2x 4-20mA op			
18	Hazardous Protection	Exd IIG/C T6			
19	Ingress Protection	IP66			
20	Housing Material	Stainless Steel			
21	Mounting	Remote (c/w 2" pipe mount bracket)			
22	Flowmeter cable Length	10m			
23	Transducer Type	T5MAXS			
24	No of Paths/Traverse	1x Path/ 1x Traverse			
25	Transducer Material	316SS			
26	Insertion/retraction Type	IMA72			
27	Size/Rating	2" 150#			
28	Material Of Construction	316/316LSS			
29	Connection	Flange			
30	Clamping Fixture	Bolt on			
31	Material Of Construction	316SS			
32	Manufacturer	Baker Hughes			
33	Meter Model No.	XGF868i-2-2-OI-H7-3-4-0-CC			
34	Accessories	-1 x NAMEPLATE - 5 x REDUCER STAINLESS STEEL, 3/4" NPT X M20			

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