



INSTRUMENTS SPECIFICATION SPECIFICA STRUMENTI

Specification N° : 1E35-80-1111
Specifica N°
Sheet : 1 of 2
Foglio
Rev. : 0

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ELECTROMAGN. FLOW TRANSMITTERS Trasmittitori elettromagnetici di portata

Desmet Ballestra Supply

REVISIONS INDEX - INDICE DELLE REVISIONI

SHEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
REV. 0	x	x																								
REV. 1																										
REV. 2																										
REV. 3																										
REV. 4																										
REV. 5																										

SHEET	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
REV. 0																										
REV. 1																										
REV. 2																										
REV. 3																										
REV. 4																										
REV. 5																										

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BALLESTRA S.p.A.
MILANO (ITALIA)

INSTRUMENT SPECIFICATION

DWG. 1E35-80-1111

CUSTOMER:

SH. 2

PLANT: SABIZ 25000 Kg/h

REV. 0

JOB: 1E35Z

Computer code:

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ELECTROMAGNETIC FLOW TRANSMITTER

1	Tag	FE - FT 64.1			
2	Service	High pressure slurry to 64W1A			
3	Piping Identif. N°	DN	Mater.	SA.63031	6" 126 (C.S.)
4	Fluid	State		SLURRY	Liquid
5	Solid content	Corrosive		YES - ABRASIVE	NO
6	Operating conditions	Normal		Minimum	Max
7	Flow	Kg/h		35.500	20.000 42.000
8	Inlet pressure	Bar		40	20 80 (note A)
9	Inlet temperature	°C		60 -80	
10	Specification weight	Kg/dm3		1,1 - 1,3	
11	Viscosity	Cp		10.000	
12	Molecular weight	Mw			
13	ELECT. CONDUCTIVITY	≥ 5 μS/cm			
14					
15	Delta p available	Bar		1	
16	Measurement type required	MAGNETIC INDUCTIVE			
17					
18	BODY/Flanges	Materials		AISI 304 // C.S.T.	
19	ELECTRODE	"		HASTELLOY-C	
20	LINER	"		HARD RUBBER	
21	Transmitter type	WITH SEPARAT. CONVERTER			
22	Mounting	LOCAL (2)			
23	Electrical supply	110 V - 50 Hz			
24	Flow range	Kg/h		0 ÷ 50'000	
25	Density range	Kg/dm3		//	
26	Temperature range	°C			
27	Local indicator on transmitter	YES - DIGITAL "7 DIGIT"			
28	Local reset push-button				
29	Output signal				
30	Flow	4-20 mA			
31	Density	//			
32	Temperature				
33	Burn-out	Full scale			
34	Accuracy %	± 0,3			
35	Process connection	4" ANSI 600 L.M. (Large Hole)			
36	Electrical connection	1/2" NPT-F			
37	Electrical construction	TROPICALIZED			
38	Protection degree	IP 67			
39	Manufacturer	KROHNE			
40	Model	ALTOFLUX IF M 4080F			

Note :

1. Empty detector included
2. Electronic transmitter (microprocessor type) remote mounted by meter
3. Special cable for connection of meter to transmitter : 10 m

Mod. 1Fc-090/F
Mod. DS

SUPPLIER : KROHNE ITALIA

ORDER n. 101591