

		data sheet for flowmeters series TMS		doc. N. P18/2408	
Officine Orobiche		quantity 1 model TMS100.F.B06.C0.RPJE.XX		pos 3 of 3 rev 0	
tag					
s1	10FIC-1001	s6		s11	
s2		s7		s12	
s3		s8		s13	
s4		s9		s14	
s5		s10		s15	
01	fluid	NITROGEN		29	work_temp. 20 °C
02	flow	0,24-2,4 kg/h		30	work_press. 0,10 barg
03	Density	1,1651 kg/Nm3 (0°C)		31	temp.min/max -20 / 150 °C
04	viscosity	0 cP		32	max-press. 16 barg
05	.	.		33	hydraulic test 38 barg
06	.	.		34	
07	connections type	Flanged		1/2"ANSI 300 LG	
08	body mat.	AISI 316		35	
09	float	AISI 316		36	pressure drop 0,500 barg
10	connections	AISI 316		37	overall dimension 149 mm
11	gaskets	EPDM		38	dim. drawing .
12	.			39	form FIG.5
13	.			40	
14	.			41	
15	reducer	inlet reducer 1/4		42	
16	material reducer	AISI 316		43	
17	diaphragm	PTFE		44	nace no
18	valve	NO		45	Accuracy ±5 v/s
19	material valve	.		46	body rating PN 25
20	housing / protection	ALUMINIUM IP65		47	.
21	electric connection	.		48	connections pos. SIDE - SIDE
22	contact	.		49	guided float YES
23	voltage	.		50	.
24	.	.		51	label AISI 316
25	.	.		52	
26	amb. Temp. min/max	-20 / 47 °C		53	
27	PED 2014/68/UE	Not Applicable			
28	AREA	Body ATEX II 2 GDc Tx			
v1	.			Fig.1	
v2	.			Fig.2	
v3	.			Fig.3	
v4	CALIBRATION CERTIFICATE				
v5	.			Fig.4	
n1	AS OUR F.81970.2			Fig.5	
n2	.				
n3	Operating Pressure (max) 1 barg				
n4	Operating Density: 2.30 Kg/m3				
n5	LLDPE/HDPE PLANT / LORESTAN PROJECT				
issued UV.....date					mar-18