

INSTRUMENTS SPECIFICATION SPECIFICA STRUMENTI

Customer - Cliente :

Plant - Impianto : SABIZ 25000 Kg / h
Job - Commessa : 1E35Z

Job - Commessa : 1E35Z Rev. : 1
We reserve the ownership under the law of this document with prohibition of even partial reproduction and to make it known to third persons without our written authorization

1E35-80-1109

of **5**

Specification N°

Specifica N°

Sheet

Foglio

Ci riserviamo la proprietà a termine di legge di questo documento con divieto di riprodurlo anche in parte o di renderlo a terzi senza nostra autorizzazione scritta.

THERMOMETERS Termometri

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	х	х	Х	Х																						
REV. 1	X	X	X	X																						
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																										

1	ISSUE FOR ORDER N. 101963 - N. FIMA	RCL RCL	25.10, 10
REV Rev.	Issue Description Descrizione	Author Autore	Date Data

The master version of this document is stored as a digital file in a software archive. Approval process is digitally managed, details do not show on paper copies.

L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sulle riproduzioni.



1. Thermometer complete with well

INSTRUMENT SPECIFICATION SPECIFICA STRUMENTI

Specification N°
Specifica N°

1E35-80-1119

Customer - Cliente

Plant - *Impianto* Job - *Commessa*

SABIZ 25000 Kg/h

Sheet
Foglio
Rev.

2 of

Ci riserviamo la proprietà a termine di legge di questo documento con divieto di riprodurlo anche in parte o di renderlo a terzi senza nostra autorizzazione scritta.

We reserve the ownership under the law of this document with prohibition of even partial reproduction and to make it known to third persons without our written authorization

FILLED BULB & BI-METALLIC THERMOMETERS

1E35Z

- 1	Tipo	[☐ Hg expans.	☐ Bimetallio			cisione		1% full	scale	
	Туре		☐ Vapour press.	Inert gas			uracy				
	Montaggio	[☐ Tap	☐ Flush				nperatura (% :		100 %	
	Mounting		Surface				-	ge (% range)		25 %	
	Tipo industr. i		Lunghezza sca	la:			cuzione c	_	Normal	Wproof	
	Glass industr.	type	Scale lenght			Hou	ising type		IP 55	Tropical.	
			Diametro gamb	0:							
			Stem diameter								
	Quadrante	l	Diam. 160 mm								
	Dial	1	Black on white								
			Adj. Every angl	e							
	Bulbo		Diametro mm.								
	Bulb	-	Diameter mm.					pocket from	PIPE		
	Capillare		Plain	Armored			nections		THRD 1"	NPT-M	
	Capillary					Mat	erial		AISI 316		
	Compensaz.		•	☐ No							
	Case comper	ısat.									
	Connessioni	[Back	Bottom							
	Connections		to thermowell								
	Matarial:		Electrical 1/2" I			Not	es:				
	Materiali		Bulb	AISI 316			44	□ ←	U	→	
	Materials										
		Case INOX			Į						
			External screw	s INOX	1						
			Capillary	INOX							
			Armor	■ INOX							
			Connection	AISI 316							
Rev.							U				
	Sigla	Sevizio	& Locazione	Scala	Temp.e	sercizio	Immers.	Lungh. capil.	Modello		Notes
	Tag Number	Servic	e & Location	Scale	Operat.	. temp.	Immers.	Capillary lengh	t Model		ž
				°C	°(С	mm	mm		P&I Dwg.	
	TI 62.1	62V7		0 / 120	6	0	340	3000		1E35-10-1103	1
	TI 62.2	62A1B		0 / 120	6	0	240	3000		1E35-10-1103	1
	TI 62.3	62A2		0 / 120	6	0	240	3000		1E35-10-1103	1
	TI 62.4	62A1A		0 / 120	6	0	240	3000		1E35-10-1103	1
					<u> </u>						
Rei	marks							PURCHASING	DATA		

Manufacturer

Model Supplier

Order n°

: N. FIMA

TG859+W13

N. FIMA 101963



INSTRUMENT SPECIFICATION SPECIFICA STRUMENTI

Specification N° Specifica N°

1E35-80-1119

Customer - Cliente

SABIZ 25000 Kg/h

Sheet Foglio **3** of

Plant - Impianto Job - Commessa

1E35Z

Rev.

:)

Ci riserviamo la proprietà a termine di legge di questo documento con divieto di riprodurlo anche in parte o di renderlo a terzi senza nostra autorizzazione scritta. We reserve the ownership under the law of this document with prohibition of even partial reproduction and to make it known to third persons without our written authorization

FILLED BULB & BI-METALLIC THERMOMETERS

Rev.	Tipo		☐ Hg expans.	☐ Bimetallic	Rev.	Pred	cisione		1% full:	scale			
	Type		☐ Vapour press.	Inert gas		Acc	uracy						
	Montaggio		☐ Tap	☐ Flush		Max	sovraten	nperatura (% c	ampo)	100 %			
	Mounting		Surface			Max	over ran	ge (% range)		25 %			
	Tipo industr. i	n vetro	Lunghezza sca	la :		Ese	cuzione c	assa 🔲	Normal	Wproof			
	Glass industr.	type	Scale lenght			Hou	sing type		IP 55	Tropical.			
			Diametro gamb	ю:									
			Stem diameter										
	Quadrante		Diam. 160 mm	1									
	Dial		Black on white	е									
			Adj. Every ang	le									
	Bulbo		Diametro mm.		····								
	Bulb		Diameter mm.			The	rmometric	pocket from	PIPE				
	Capillare		☐ Plain	Armored			nections		THRD 1"	NPT-M			
	Capillary					Mat	erial	********	AISI 316				
	Compensaz.	cassa	. 💤	☐ No						•			
	Case compen												
	Connessioni		☐ Back	Bottom									
	Connections		to thermowell	1/2" NPT-M									
			☐ Electrical 1/2"	NPT-F		Note	es:						
	Materiali		Bulb	■ AISI 316					U	I			
	Materials		Movement	AISI 304			- 241			→			
			Case	INOX									
			External screw	s INOX									
			Capillary	■ INOX									
			Armor	■ INOX									
			Connection	AISI 316	İ								
Rev.			Connection	AISI 310			U						
Nev.	Sigla	Sovizi	io & Locazione	Scala	Temp.ese	roizio		Lungh. capil.	Modello		S		
	Tag Number		ice & Location	Scale	Operat. t		Immers.	Capillary lenght			Notes		
	ray ivallibel	Servi	Ce & Location	°C	°C	етр.		'	Wodel	DOI Due	_		
	TI 63.1A	63A1A		0 / 120	65		mm 340	mm 3000		P&I Dwg. 1E35-10-1104	1		
	TI 63.1B	63A1B	-	0 / 120	65		340	3000		1E35-10-1104	1		
	TI 63.1D	63A2		0 / 120	65		340	3000		1E35-10-1104	1		
	TI 63.2	63A3		0 / 120	65			3000					
	TI 63.4	63V1		0 / 120	65		340			1E35-10-1104 1E35-10-1104	1 1		
	TI 63.4	63WG1			-		340	3000					
				0 / 120	55		340	3000		1E35-10-1104	1		
	TI 63.12	63WG2		0 / 120	55		340	3000		1E35-10-1104	1		
									-				
1									-				
				1 12 18 00			L		1				
I Rei	marks					ll .		PURCHASING	DATA				

1. Thermometer complete with well

Manufacturer : N.FIMA

Model

T9859+W13

Supplier

N. FIMA

Order n°

101963



INSTRUMENT SPECIFICATION **SPECIFICA STRUMENTI**

Specification N° Specifica N°

1E35-80-1119

Customer - Cliente

Plant - Impianto

SABIZ 25000 Kg/h

Foglio

Sheet

Job - Commessa

1E35Z

Rev.

Ci riserviamo la proprietà a termine di legge di questo documento con divieto di riprodurlo anche in parte o di renderlo a terzi senza nostra autorizzazione scritta. We reserve the ownership under the law of this document with prohibition of even partial reproduction and to make it known to third persons without our written authorization

FILLED BULB & BI-METALLIC THERMOMETERS

Day	Tino		□ Ha ovnona	☐ Dimetallia	T _E	Dro	ololono		40/ £		
ĸev.	Tipo		Hg expans.	☐ Bimetallic	Rev	1	cisione	F	1% full	scale	
	Type		☐ Vapour press.	Inert gas			uracy			400.01	
	Montaggio		☐ Tap	☐ Flush				nperatura(% c	ampo)	100 %	
	Mounting	! 	Surface	<u> </u>				ge (% range)		25 %	
	Tipo industr.		Lunghezza scal	la:			cuzione d	_	Normal	Wproof	
	Glass industr	: type	Scale lenght			Hou	ising type		IP 55	Tropical.	
			Diametro gamb	0:							
ļ			Stem diameter								
	Quadrante		Diam. 160 mm								
	Dial		Black on white								
			Adj. Every angl	e							
	Bulbo		Diametro mm.							Michigan Comment	
	Bulb		Diameter mm.			The	rmometric	pocket from	PIPE		
	Capillare		☐ Plain	Armored		Con	nections		THRD 1"	NPT-M	
	Capillary					Mat	erial		AISI 316		
	Compensaz.	cassa	•	☐ No							
	Case compe	nsat.									
	Connessioni		☐ Back	Bottom							
	Connections		to thermowell	1/2" NPT-M	ļ					•	
			☐ Electrical 1/2" N	NPT-F		Not	es:				
	Materiali		Bulb	AISI 316			_	7	U		
	Materials		Movement	AISI 304	İ		al al al al al al al al al al al al al a				
			Case	■ INOX							
1			External screws	s INOX							
			Capillary	INOX							
		Armor									
			Connection	INOX AISI 316							
Rev.			Connection	Aleren			U				
	Sigla	Sevizi	o & Locazione	Scala	Temp.es	ercizio		Lungh. capil.	Modello		S
	Tag Number		ce & Location	Scale	Operat.		Immers.	Capillary lenght			Notes
	rag ramber	00777	oc a Location	°C	°C		mm	mm	Woder	P&I Dwg.	
	TI 64.5	OUT 64E4	1500-AV-64128-124	0 / 250	110		340	3000		1E35-10-1105	1
ŀ	TI 64.8		1300-AT-64019-109	0 / 80	30		340	3000		1E35-10-1105	<u>'</u>
	TI 64.9		500-AH-64002-109	0 / 600	300-4		340	3000		1E35-10-1105	1
	11 04.5	IN 04A11 - 1	300-AN-04002-103	07000	300-4	,50	340	3000		1E35-10-1105	<u>I</u>
										-	
		-	10 Ph 10 ph								
		L									
<u> </u>											
Rer	marks					II		PURCHASING	DATA		

1. Thermometer complete with well

Manufacturer

: N. FIMA

Model Supplier TG859+W13 N. FIMA 101963

Order n°



INSTRUMENT SPECIFICATION **SPECIFICA STRUMENTI**

Specification N° Specifica N°

1E35-80-1119

5

Customer - Cliente

Plant - Impianto

SABIZ 25000 Kg/h

Sheet Foglio 5

Job - Commessa 1E35Z Rev. Ci riserviamo la proprietà a termine di legge di questo documento con divieto di riprodurlo anche in parte o di renderlo a terzi senza nostra autorizzazione scritta. We reserve the ownership under the law of this document with prohibition of even partial reproduction and to make it known to third persons without our written authorization

FILLED BULB & BI-METALLIC THERMOMETERS

Rev.	Tipo] Hg expans.	Bimetallic	Rev	. Pre	cisione		1% full s	scale			
	Туре		Vapour press.	☐ Inert gas		Acc	uracy						
	Montaggio		Тар	☐ Flush				nperatura (% c	ampo)	100 %			
	Mounting		Surface					ge (% range)	. ,	25 %			
	Tipo industr.	in vetro	Lunghezza scal	a:		Ese	cuzione d	assa 🔲	Normal	Wproof			
	Glass industr	r. type	Scale lenght			Нои	ısing type		IP 55	Tropical.			
			Diametro gamb	o:									
			Stem diameter										
	Quadrante		Diam. 160 mm										
	Dial		Black on white)									
			Adj. Every angl	e									
	Bulbo		Diametro mm.										
	Bulb		Diameter mm.			Thermometric pocket from PIPE							
	Capillare] Plain	☐ Armored			nections	•	THRD 1"	NPT-M			
	Capillary			_		Mat	erial	*	AISI 316				
	Compensaz.	cassa		☐ No						•			
	Case compe			· 									
	Connessioni		Back	Bottom									
	Connections		to thermowell	1/2" NPT-M									
			_]Electrical 1/2" N	NPT-F		Not	es:						
	Materiali		Bulb	AISI 316					U	. 1			
	Materials		Movement	AISI 304						>			
			Case	■ INOX									
			External screws	s I INOX									
			Capillary	■ INOX									
			Armor	INOX									
			Connection	AISI 316									
Rev.			Connection	AlSi 310	<u></u>		U		T				
1101.	Sigla	Sevizio	& Locazione	Scala	Temp.ese	arcizio		Lungh. capil.	Modello		S		
	Tag Number		& Location	Scale	Operat. t		Immers.	Capillary lenght	1		Notes		
	, ag rtambor	00,7,00	a zoodion	°C	°C	crrip.	mm	mm	Wiodei	P&I Dwg.			
	TI 64.10	DISCHARGE 6	64K6	0 / 160	60-9	n	90	111111		1E35-10-1105	1		
	TI 64.11	DISCHARGE 6		0 / 160	60-9		90			1E35-10-1105	1		
	TI 64.15	64V10	741(1	0 / 100	30-5		240			1E35-10-1105	1		
	1104.15	04710		07 100	30-3	0	240			1535-10-1105	- 1		
				1									
							<u> </u>						
										1			
				Lautania									
Rer	narks					1		PURCHASING	DATA				
	Thermometer	complete wi	th well			Mar	nufacturer	: N. FIA					
l '''		pioto W				Mod		. 470 G	90	140			
						-	plier	TB 80 N, Fi 101	79 + 4	115			
						- 11	er n°	. N. FI	~(<u>\</u>				
						``\		101	163				