



# INSTRUMENTS SPECIFICATION SPECIFICA STRUMENTI

Specification N° : 1E35-80-1109

Specifica N°

Customer - Cliente :

Sheet : 1 of 5

Plant - Impianto : SABIZ 25000 Kg / h

Foglio

Job - Commessa : 1E35Z

Rev. : 1

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## THERMOMETERS

## Termometri

### Desmet Ballestra Supply

#### REVISIONS INDEX - INDICE DELLE REVISIONI


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REV. 1																										
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1	ISSUE FOR ORDER n. 101963 - N. FIMA	RCL	25.10.10
0	ISSUE FOR BID	RCL	06.10.10
REV	Issue Description	Author	Date
Rev.	Descrizione	Autore	Data

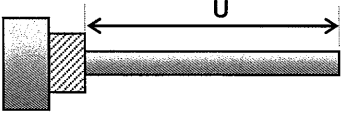
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	<b>INSTRUMENT SPECIFICATION</b>		Specification N° <b>1E35-80-1119</b>	
	<b>SPECIFICA STRUMENTI</b>		Specifica N°	
	Customer - <i>Cliente</i> :		Sheet : <b>2</b> of	
	Plant - <i>Impianto</i> :	<b>SABIZ 25000 Kg/h</b>	Foglio	
	Job - <i>Commessa</i> :	<b>1E35Z</b>	Rev. :	<b>1</b>

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**FILLED BULB & BI-METALLIC THERMOMETERS**

<div style="display: flex; justify-content: space-between;"> <div> <p>Rev. Tipo <input type="checkbox"/> Hg expans. <input type="checkbox"/> Bimetallic</p> <p>Type <input type="checkbox"/> Vapour press. <input checked="" type="checkbox"/> Inert gas</p> <p>Montaggio <input type="checkbox"/> Tap <input type="checkbox"/> Flush</p> <p>Mounting <input checked="" type="checkbox"/> Surface <input type="checkbox"/></p> <p>Tipo industr. in vetro Lunghezza scala : Glass industr. type Scale lenght Diametro gambo : Stem diameter</p> <p>Quadrante <input checked="" type="checkbox"/> Diam. 160 mm Dial <input checked="" type="checkbox"/> Black on white <input type="checkbox"/> Adj. Every angle</p> <p>Bulbo Diametro mm. Bulb Diameter mm.</p> <p>Capillare <input type="checkbox"/> Plain <input checked="" type="checkbox"/> Armored Capillary</p> <p>Compensaz. cassa <input type="checkbox"/> No Case compensat.</p> <p>Conessioni <input type="checkbox"/> Back <input checked="" type="checkbox"/> Bottom Connections <input checked="" type="checkbox"/> to thermowell 1/2" NPT-M <input type="checkbox"/> Electrical 1/2" NPT-F</p> <p>Materiali Bulb <input checked="" type="checkbox"/> AISI 316 Materials Movement <input checked="" type="checkbox"/> AISI 304 Case <input checked="" type="checkbox"/> INOX External screws <input checked="" type="checkbox"/> INOX Capillary <input checked="" type="checkbox"/> INOX Armor <input checked="" type="checkbox"/> INOX Connection <input checked="" type="checkbox"/> AISI 316</p> </div> <div> <p>Rev. Precisione <input checked="" type="checkbox"/> 1% full scale</p> <p>Accuracy <input type="checkbox"/></p> <p>Max sovratemperatura ( % campo ) 100 % <input type="checkbox"/></p> <p>Max over range ( % range ) 25 % <input checked="" type="checkbox"/></p> <p>Esecuzione cassa <input type="checkbox"/> Normal <input checked="" type="checkbox"/> Wproof</p> <p>Housing type <input checked="" type="checkbox"/> IP 55 <input checked="" type="checkbox"/> Tropical.</p> <p>Thermometric pocket from PIPE</p> <p>Connections THRD 1" NPT-M</p> <p>Material AISI 316</p> <p>Notes :</p> <div style="text-align: center;">  </div> </div> </div>	
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Rev.	Sigla Tag Number	Servizio & Locazione Service & Location	Scala Scale °C	Temp.esercizio Operat. temp. °C	U Immers. mm	Lungh. capil. Capillary lenght mm	Modello Model	P&I Dwg.	Notes
	TI 62.1	62V7	0 / 120	60	340	3000		1E35-10-1103	1
	TI 62.2	62A1B	0 / 120	60	240	3000		1E35-10-1103	1
	TI 62.3	62A2	0 / 120	60	240	3000		1E35-10-1103	1
	TI 62.4	62A1A	0 / 120	60	240	3000		1E35-10-1103	1

<b>Remarks</b> 1. Thermometer complete with well	<b>PURCHASING DATA</b> Manufacturer : <b>N. FIMA</b> Model : <b>TG859+ W 13</b> Supplier : <b>N. FIMA</b> Order n° : <b>101963</b>
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# INSTRUMENT SPECIFICATION SPECIFICA STRUMENTI

Specification N° **1E35-80-1119**

Specifica N°

Customer - Cliente :

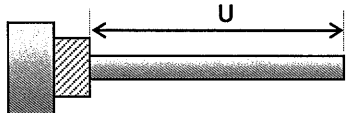
Sheet : **3** ofPlant - Impianto : **SABIZ 25000 Kg/h**

Foglio

Job - Commessa : **1E35Z**Rev. : **1**

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## FILLED BULB & BI-METALLIC THERMOMETERS

Rev.	Tipo Type	<input type="checkbox"/> Hg expans.	<input type="checkbox"/> Bimetallic
		<input type="checkbox"/> Vapour press.	<input checked="" type="checkbox"/> Inert gas
	Montaggio Mounting	<input type="checkbox"/> Tap	<input type="checkbox"/> Flush
		<input checked="" type="checkbox"/> Surface	<input type="checkbox"/>
	Tipo industr. in vetro Glass industr. type	Lunghezza scala : Scale lenght Diametro gambo : Stem diameter	
	Quadrante Dial	<input checked="" type="checkbox"/> Diam. 160 mm <input checked="" type="checkbox"/> Black on white <input type="checkbox"/> Adj. Every angle	
	Bulbo Bulb	Diametro mm. Diameter mm.	
	Capillare Capillary	<input type="checkbox"/> Plain	<input checked="" type="checkbox"/> Armored
	Compensaz. cassa Case compensat.	<input type="checkbox"/> No	
	Conessioni Connections	<input type="checkbox"/> Back <input checked="" type="checkbox"/> Bottom <input checked="" type="checkbox"/> to thermowell 1/2" NPT-M <input type="checkbox"/> Electrical 1/2" NPT-F	
	Materiali Materials	Bulb <input checked="" type="checkbox"/> AISI 316 Movement <input checked="" type="checkbox"/> AISI 304 Case <input checked="" type="checkbox"/> INOX External screws <input checked="" type="checkbox"/> INOX Capillary <input checked="" type="checkbox"/> INOX Armor <input checked="" type="checkbox"/> INOX Connection <input checked="" type="checkbox"/> AISI 316	
Rev.	Precisione	<input checked="" type="checkbox"/> 1% full scale	
	Accuracy	<input type="checkbox"/>	
	Max sovratemperatura ( % campo )	100 % <input type="checkbox"/>	
	Max over range ( % range )	25 % <input checked="" type="checkbox"/>	
	Esecuzione cassa Housing type	<input type="checkbox"/> Normal <input checked="" type="checkbox"/> Wproof <input checked="" type="checkbox"/> IP 55 <input checked="" type="checkbox"/> Tropical.	
	Thermometric pocket from	PIPE	
	Connections	THRD 1" NPT-M	
	Material	AISI 316	
	Notes :		

Rev.	Sigla Tag Number	Sevizio & Locazione Service & Location	Scala Scale °C	Temp.esercizio Operat. temp. °C	U Immers. Immers. mm	Lungh. capil. Capillary lenght mm	Modello Model	P&I Dwg.	Notes
	TI 63.1A	63A1A	0 / 120	65	340	3000		1E35-10-1104	1
	TI 63.1B	63A1B	0 / 120	65	340	3000		1E35-10-1104	1
	TI 63.2	63A2	0 / 120	65	340	3000		1E35-10-1104	1
	TI 63.3	63A3	0 / 120	65	340	3000		1E35-10-1104	1
	TI 63.4	63V1	0 / 120	65	340	3000		1E35-10-1104	1
	TI 63.11	63WG1	0 / 120	55	340	3000		1E35-10-1104	1
	TI 63.12	63WG2	0 / 120	55	340	3000		1E35-10-1104	1

### Remarks

1. Thermometer complete with well

### PURCHASING DATA

Manufacturer : **N. FIMA**  
Model : **TG059+W13**  
Supplier : **N. FIMA**  
Order n° : **101963**



# INSTRUMENT SPECIFICATION SPECIFICA STRUMENTI

Specification N° **1E35-80-1119**

Specifica N°

Customer - Cliente :

Sheet : **4** ofPlant - Impianto : **SABIZ 25000 Kg/h**

Foglio

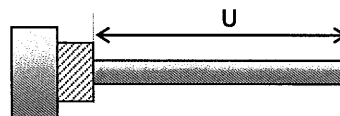
Job - Commessa : **1E35Z**Rev. : **1**

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## FILLED BULB & BI-METALLIC THERMOMETERS

Rev. Tipo	<input type="checkbox"/> Hg expans.	<input type="checkbox"/> Bimetallic	Rev. Precisione	<input checked="" type="checkbox"/> 1% full scale
Type	<input type="checkbox"/> Vapour press.	<input checked="" type="checkbox"/> Inert gas	Accuracy	<input type="checkbox"/>
Montaggio	<input type="checkbox"/> Tap	<input type="checkbox"/> Flush	Max sovratemperatura ( % campo )	100 % <input type="checkbox"/>
Mounting	<input checked="" type="checkbox"/> Surface	<input type="checkbox"/>	Max over range ( % range )	25 % <input checked="" type="checkbox"/>
Tipo industr. in vetro	Lunghezza scala :		Esecuzione cassa	<input type="checkbox"/> Normal <input checked="" type="checkbox"/> Wproof
Glass industr. type	Scale lenght		Housing type	<input checked="" type="checkbox"/> IP 55 <input checked="" type="checkbox"/> Tropical.
	Diametro gambo :			
	Stem diameter			
Quadrante	<input checked="" type="checkbox"/> Diam. 160 mm			
Dial	<input checked="" type="checkbox"/> Black on white			
	<input type="checkbox"/> Adj. Every angle			
Bulbo	Diametro mm.			
Bulb	Diameter mm.			
Capillare	<input type="checkbox"/> Plain	<input checked="" type="checkbox"/> Armored	Thermometric pocket from	PIPE
Capillary			Connections	THRD 1" NPT-M
Compensaz. cassa	<input type="checkbox"/> No		Material	AISI 316
Case compensat.				
Conessioni	<input type="checkbox"/> Back	<input checked="" type="checkbox"/> Bottom		
Connections	<input checked="" type="checkbox"/> to thermowell 1/2" NPT-M			
	<input type="checkbox"/> Electrical 1/2" NPT-F			
Materiali	Bulb	<input checked="" type="checkbox"/> AISI 316	Notes :	
Materials	Movement	<input checked="" type="checkbox"/> AISI 304		
	Case	<input checked="" type="checkbox"/> INOX		
	External screws	<input checked="" type="checkbox"/> INOX		
	Capillary	<input checked="" type="checkbox"/> INOX		
	Armor	<input checked="" type="checkbox"/> INOX		
	Connection	<input checked="" type="checkbox"/> AISI 316		



Rev.	Sigla Tag Number	Sevizio & Locazione Service & Location	Scala Scale °C	Temp.esercizio Operat. temp. °C	U Immers. Immers. mm	Lungh. capil. Capillary lenght mm	Modello Model	P&I Dwg.	Notes
	TI 64.5	OUT 64F1 - 1500-AV-64128-124	0 / 250	110	340	3000		1E35-10-1105	1
	TI 64.8	SCT 64K2 -1300-AT-64019-109	0 / 80	30	340	3000		1E35-10-1105	1
	TI 64.9	IN 64AT1 - 1500-AH-64002-109	0 / 600	300-450	340	3000		1E35-10-1105	1

### Remarks

1. Thermometer complete with well

### PURCHASING DATA

Manufacturer : **N. FIMA**  
Model : **TG859 + W13**  
Supplier : **N. FIMA**  
Order n° : **101963**



# INSTRUMENT SPECIFICATION SPECIFICA STRUMENTI

Specification N° **1E35-80-1119**

Specifica N°

Customer - *Cliente* :Sheet : **5** of **5**Plant - *Impianto* : **SABIZ 25000 Kg/h**

Foglio

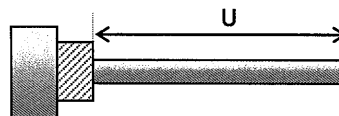
Job - *Commessa* : **1E35Z**Rev. : **1**

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## FILLED BULB & BI-METALLIC THERMOMETERS

Rev. Tipo	<input type="checkbox"/> Hg expans.	<input checked="" type="checkbox"/> Bimetallic	Rev. Precisione	<input checked="" type="checkbox"/> 1% full scale
Type	<input type="checkbox"/> Vapour press.	<input type="checkbox"/> Inert gas	Accuracy	<input type="checkbox"/>
Montaggio	<input checked="" type="checkbox"/> Tap	<input type="checkbox"/> Flush	Max sovratemperatura ( % campo )	100 % <input type="checkbox"/>
Mounting	<input type="checkbox"/> Surface	<input type="checkbox"/>	Max over range ( % range )	25 % <input checked="" type="checkbox"/>
Tipo industr. in vetro	Lunghezza scala :		Esecuzione cassa	<input type="checkbox"/> Normal <input checked="" type="checkbox"/> Wproof
Glass industr. type	Scale lenght		Housing type	<input checked="" type="checkbox"/> IP 55 <input checked="" type="checkbox"/> Tropical.
	Diametro gambo :			
	Stem diameter			
Quadrante	<input checked="" type="checkbox"/> Diam. 160 mm			
Dial	<input checked="" type="checkbox"/> Black on white			
	<input checked="" type="checkbox"/> Adj. Every angle			
Bulbo	Diametro mm.			
Bulb	Diameter mm.			
Capillare	<input type="checkbox"/> Plain	<input type="checkbox"/> Armored	Thermometric pocket from	PIPE
Capillary			Connections	THRD 1" NPT-M
Compensaz. cassa	<input type="checkbox"/> No		Material	AISI 316
Case compensat.				
Conessioni	<input type="checkbox"/> Back	<input checked="" type="checkbox"/> Bottom	Notes :	
Connections	<input checked="" type="checkbox"/> to thermowell 1/2" NPT-M			
	<input type="checkbox"/> Electrical 1/2" NPT-F			
Materiali	Bulb	<input checked="" type="checkbox"/> AISI 316		
Materials	Movement	<input checked="" type="checkbox"/> AISI 304		
	Case	<input checked="" type="checkbox"/> INOX		
	External screws	<input checked="" type="checkbox"/> INOX		
	Capillary	<input checked="" type="checkbox"/> INOX		
	Armor	<input checked="" type="checkbox"/> INOX		
	Connection	<input checked="" type="checkbox"/> AISI 316		



Rev.	Sigla Tag Number	Sevizio & Locazione Service & Location	Scala Scale °C	Temp.esercizio Operat. temp. °C	U Immers. Immers. mm	Lungh. capil. Capillary lenght mm	Modello Model	P&I Dwg.	Notes
	TI 64.10	DISCHARGE 64K6	0 / 160	60-90	90			1E35-10-1105	1
	TI 64.11	DISCHARGE 64K7	0 / 160	60-90	90			1E35-10-1105	1
	TI 64.15	64V10	0 / 100	30-50	240			1E35-10-1105	1

### Remarks

1. Thermometer complete with well

### PURCHASING DATA

Manufacturer : **N. FIMA**  
Model : **TB 899+W13**  
Supplier : **N. FIMA**  
Order n° : **101963**