



INSTRUMENTS SPECIFICATION SPECIFICA STRUMENTI

Specification N° : 1E35-80-1117

Specifica N°

Customer - Cliente

:

Plant - Impianto

:

SABIZ 25000 Kg / h

Job - Commessa

:

1E35Z

Sheet

:

1 of 12

Foglio

Rev.

:

1

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PRESSURE GAUGES

Manometri

Desmet Ballestra Supply

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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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INSTRUMENT SPECIFICATION

DWG. 1E35-80-1117



CUSTOMER:

SH. 2

PLANT: SABIZ 25000 Kg/h

REV. 1

JOB: 1E352

Computer code: P12A09.xls

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PRESSURE GAUGES

1	Tipo	Indicator	<input checked="" type="checkbox"/>	Receiver	<input type="checkbox"/>	28	Esecuzione cassa	Normal	<input type="checkbox"/>	Wproof	<input type="checkbox"/>
2	Type		<input type="checkbox"/>		<input type="checkbox"/>	29	Housing type	IP 55	<input checked="" type="checkbox"/>	Tropical.	<input checked="" type="checkbox"/>
3	Montaggio	Tap	<input checked="" type="checkbox"/>	Flush	<input type="checkbox"/>	30	Tipo interruttore	Mercury	<input type="checkbox"/>	Micro	<input type="checkbox"/>
4	Mounting	Surface	<input type="checkbox"/>		<input type="checkbox"/>	31	Switch type				
5	Elem. pressione	Bourdon	<input checked="" type="checkbox"/>	Bellows	<input type="checkbox"/>	32	Contatti tipo	SPDT	<input type="checkbox"/>	SPST	<input type="checkbox"/>
6	Pressure element	Diaphragm	<input type="checkbox"/>	Diaph.sep.	<input type="checkbox"/>	33	Contacts type				
7	Quadrante	diam. 150mm	<input checked="" type="checkbox"/>	Black on white	<input checked="" type="checkbox"/>	34	Capacità contatti			N°	
8	Dial	diam. 250mm	<input type="checkbox"/>	100 subdivs.	<input type="checkbox"/>	35	Contacts rating				
9		Riempimento - Liquid filling	<input type="checkbox"/>			36	Differenziale	Fixed	<input type="checkbox"/>	Adjustab.	<input type="checkbox"/>
10	Movimento	Reinforced	<input checked="" type="checkbox"/>	Standard	<input type="checkbox"/>	37	Differential				
11	Movement	Pointer adjust. micrometer type	<input checked="" type="checkbox"/>			38	Taratura	Internal	<input type="checkbox"/>	External	<input type="checkbox"/>
12	Connessioni	Back	<input type="checkbox"/>	Bottom	<input checked="" type="checkbox"/>	39	Setting				
13	Connections	Process 1/2" NPT	<input checked="" type="checkbox"/>			40	Minimo differenziale				
14		Electrical 1/2" NPT	<input type="checkbox"/>			41	Minimum differential				
15	Materiali	Pressure element	AISI 316	<input checked="" type="checkbox"/>		42	Interv.interrutt.	High limit	<input type="checkbox"/>	Low limit	<input type="checkbox"/>
16	Materials	Connection	AISI 316	<input checked="" type="checkbox"/>		43	Switch operating				
17		Movement	AISI 304	<input checked="" type="checkbox"/>		44	Contatto - Contact	Open	<input type="checkbox"/>	Closed	<input type="checkbox"/>
18		Case	INOX	<input checked="" type="checkbox"/>		45	Accessori - Accessoires				
19			ALLUM.	<input type="checkbox"/>		46	Smorzatore - Dampener				
20		Blow out disk	S. RUBB.	<input checked="" type="checkbox"/>		47	Limitat. press.-Press. lim. device				
21		External screws	INOX	<input checked="" type="checkbox"/>		48	Separatore membrana				
22	Rivestimento membrana		PTFE	<input type="checkbox"/>		49	Liquido separatore - Seal liquid				
23	Diaphragm lining material					50	Attacco - Connection				
24	Sensibilità	max val. scala - of full scale	± 1%	<input checked="" type="checkbox"/>		51	Materiali - Materials				
25	Accuracy		±	<input type="checkbox"/>		52	Separatore - Diaphragm seal				
26	Max sovrappressione (% campo)		≥ 25 %	<input checked="" type="checkbox"/>		53	Capillare - Capillary				
27	Max over range (% range)			<input type="checkbox"/>		54	Lunghezza capill. - Capill. lenght				

Sigla Tag	Fluido Fluid	Servizio Service	Pressione Pressure Bar	Scala Scale Bar	MODEL	Note Notes
PI62.6A	PROCESS WATER	FLUSHING 63F2A	1-3	0-4	MGS 18/2/A	
PI62.6B	PROCESS WATER	FLUSHING 63F2B	1-3	0-4	MGS 18/2/A	

Notes

INSTRUMENT SPECIFICATION

DWG. 1E35-80-1117

CUSTOMER:

SH. 3

PLANT: SABIZ 25000 Kg/h

REV. 1

JOB: 1E35Z

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PRESSURE GAUGES

1	Tipo	Indicator	<input checked="" type="checkbox"/>	Receiver	<input type="checkbox"/>	28	Esecuzione cassa	Normal	<input type="checkbox"/>	Wproof	<input type="checkbox"/>
2	Type		<input type="checkbox"/>		<input type="checkbox"/>	29	Housing type	IP 55	<input checked="" type="checkbox"/>	Tropical.	<input checked="" type="checkbox"/>
3	Montaggio	Tap	<input checked="" type="checkbox"/>	Flush	<input type="checkbox"/>	30	Tipo interruttore	Mercury	<input type="checkbox"/>	Micro	<input type="checkbox"/>
4	Mounting	Surface	<input type="checkbox"/>		<input type="checkbox"/>	31	Switch type				
5	Elem. pressione	Bourdon	<input checked="" type="checkbox"/>	Bellows	<input type="checkbox"/>	32	Contatti tipo	SPDT	<input type="checkbox"/>	SPST	<input type="checkbox"/>
6	Pressure element	Diaphragm	<input type="checkbox"/>	Diaph.sep.	<input type="checkbox"/>	33	Contacts type				
7	Quadrante	diam. 150mm	<input checked="" type="checkbox"/>	Black on white	<input checked="" type="checkbox"/>	34	Capacità contatti			N°	
8	Dial	diam. 250mm	<input type="checkbox"/>	100 subdivis.	<input type="checkbox"/>	35	Contacts rating				
9		Riempimento - Liquid filling	<input type="checkbox"/>		<input type="checkbox"/>	36	Differenziale	Fixed	<input type="checkbox"/>	Adjustab.	<input type="checkbox"/>
10	Movimento	Reinforced	<input checked="" type="checkbox"/>	Standard	<input type="checkbox"/>	37	Differential				
11	Movement	Pointer adjust. micrometer type	<input checked="" type="checkbox"/>		<input type="checkbox"/>	38	Taratura	Internal	<input type="checkbox"/>	External	<input type="checkbox"/>
12	Connessioni	Back	<input type="checkbox"/>	Bottom	<input checked="" type="checkbox"/>	39	Setting				
13	Connections	Process 1/2" NPT	<input checked="" type="checkbox"/>		<input type="checkbox"/>	40	Minimo differenziale				
14		Electrical 1/2" NPT	<input type="checkbox"/>		<input type="checkbox"/>	41	Minimum differential				
15	Materiali	Pressure element		AISI 316	<input checked="" type="checkbox"/>	42	Interv.interrutt.	High limit	<input type="checkbox"/>	Low limit	<input type="checkbox"/>
16	Materials	Connection		AISI 316	<input checked="" type="checkbox"/>	43	Switch operating				
17		Movement		AISI 304	<input checked="" type="checkbox"/>	44	Contatto - Contact	Open	<input type="checkbox"/>	Closed	<input type="checkbox"/>
18		Case		INOX	<input checked="" type="checkbox"/>	45	Accessori - Accessoires				
19				ALLUM.	<input type="checkbox"/>	46	Smorzatore - Dampener				
20		Blow out disk		S. RUBB.	<input checked="" type="checkbox"/>	47	Limitat. press.-Press. lim. device				
21		External screws		INOX	<input checked="" type="checkbox"/>	48	Separatore membrana				
22	Rivestimento membrana			PTFE	<input type="checkbox"/>	49	Liquido separatore - Seal liquid				
23	Diaphragm lining material					50	Attacco - Connection				
24	Sensibilità	max val. scala - of full scale	± 1%	<input checked="" type="checkbox"/>		51	Materiali - Materials				
25	Accuracy		±	<input type="checkbox"/>		52	Separatore - Diaphragm seal				
26	Max sovrappressione (%campo)		> 25%	<input checked="" type="checkbox"/>		53	Capillare - Capillary				
27	Max over range (% range)		30%	<input type="checkbox"/>		54	Lunghezza capill. - Capill. lenght				

Sigla Tag	Fluido Fluid	Servizio Service	Pressione Pressure Bar	Scala Scale Bar	MODEL	Note Notes
PI 63.1	Process water	Water to 63V2	3-5	0-6	MGS10/2/A	
PI63.2A	PROCESS WATER	FLUSHING 63P2A	1-3	0-4	"	
PI63.2B	PROCESS WATER	FLUSHING 63P2B	1-3	0-4	"	
PI63.6	RECOV. WATER	DELIVERY 63P6	3-6	0-6	"	
PI63.7A	PROCESS WATER	FLUSHING 63P4A	1-3	0-4	"	
PI63.7B	PROCESS WATER	FLUSHING 63P4B	1-3	0-4	"	
PI63.12A	PROCESS WATER	FLUSHING 63F2A	1-3	0-4	"	
PI63.12B	PROCESS WATER	FLUSHING 63F2B	1-3	0-4	"	

Notes



BALLESTRA S.p.A.
MILANO (ITALIA)

INSTRUMENT SPECIFICATION

DWG. 1E35-80-1117

CUSTOMER:

SH. 4

PLANT: SABIZ 25000 Kg/h

REV. 1

JOB: 1E35Z

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PRESSURE GAUGES

1	Tipo	Indicator	<input checked="" type="checkbox"/>	Receiver	<input type="checkbox"/>	28	Esecuzione cassa	Normal	<input type="checkbox"/>	Wproof	<input type="checkbox"/>
2	Type		<input type="checkbox"/>		<input type="checkbox"/>	29	Housing type	IP 55	<input checked="" type="checkbox"/>	Tropical.	<input checked="" type="checkbox"/>
3	Montaggio	Tap	<input type="checkbox"/>	Flush	<input type="checkbox"/>	30	Tipo interruttore	Mercury	<input type="checkbox"/>	Micro	<input type="checkbox"/>
4	Mounting	Surface	<input checked="" type="checkbox"/>		<input type="checkbox"/>	31	Switch type				
5	Elem. pressione	Bourdon	<input checked="" type="checkbox"/>	Bellows	<input type="checkbox"/>	32	Contatti tipo	SPDT	<input type="checkbox"/>	SPST	<input type="checkbox"/>
6	Pressure element	Diaphragm	<input type="checkbox"/>	Diaph.sep.	<input checked="" type="checkbox"/>	33	Contacts type				
7	Quadrante	diam. 150mm	<input checked="" type="checkbox"/>	Black on white	<input checked="" type="checkbox"/>	34	Capacità contatti			N°	
8	Dial	diam. 250mm	<input type="checkbox"/>	100 subdivis.	<input type="checkbox"/>	35	Contacts rating				
9		Riempimento - Liquid filling			<input type="checkbox"/>	36	Differenziale	Fixed	<input type="checkbox"/>	Adjustab.	<input type="checkbox"/>
10	Movimento	Reinforced	<input checked="" type="checkbox"/>	Standard	<input type="checkbox"/>	37	Differential				
11	Movement	Pointer adjust. micrometer type			<input checked="" type="checkbox"/>	38	Taratura	Internal	<input type="checkbox"/>	External	<input type="checkbox"/>
12	Connessioni	Back	<input type="checkbox"/>	Bottom	<input checked="" type="checkbox"/>	39	Setting				
13	Connections	Process 1/2" NPT			<input checked="" type="checkbox"/>	40	Minimo differenziale				
14		Electrical 1/2" NPT			<input type="checkbox"/>	41	Minimum differential				
15	Materiali	Pressure element		AISI 316	<input checked="" type="checkbox"/>	42	Interv.interrutt.	High limit	<input type="checkbox"/>	Low limit	<input type="checkbox"/>
16	Materials	Connection		AISI 316	<input checked="" type="checkbox"/>	43	Switch opening				
17		Movement		AISI 304	<input checked="" type="checkbox"/>	44	Contatto - Contact	Open	<input type="checkbox"/>	Closed	<input type="checkbox"/>
18		Case		INOX	<input checked="" type="checkbox"/>	45	Accessori - Accessoires				
19				ALLUM.	<input type="checkbox"/>	46	Smorzatore - Dampener				
20		Blow out disk		S. RUBB.	<input checked="" type="checkbox"/>	47	Limitat. press.-Press. lim. device				
21		External screws		INOX	<input checked="" type="checkbox"/>	48	Separatore membrana			YES	<input checked="" type="checkbox"/>
22	Rivestimento membrana			PTFE	<input type="checkbox"/>	49	Liquido separatore - Seal liquid			Silicon oil	
23	Diaphragm lining material					50	Attacco - Connection			See sh. 10	
24	Sensibilità max val. scala - of full scale		\pm	1%	<input checked="" type="checkbox"/>	51	Materiali - Materials				
25	Accuracy		\pm		<input type="checkbox"/>	52	Separatore - Diaphragm seal			AISI 316	
26	Max sovrappressione (% campo)		\geq	25%	<input checked="" type="checkbox"/>	53	Capillare - Capillary			AISI 304	
27	Max over range (% range)			30%	<input type="checkbox"/>	54	Lunghezza capill. - Capill. lenght			3000 mm	

Sigla Tag	Fluido Fluid	Servizio Service	Pressione Pressure Bar	Scala Scale Bar	MODEL	Note Notes
PI 63.2	Slurry	Discharge pumps 63P2A-63P2B	3-8	0-10	(1)	
PI 63.4	Slurry	Discharge pumps 63P4A-63P4B	3-8	0-10	(1)	
PI 63.5	Slurry	Discharge pump 63P5	3-6	0-10	(2)	

Notes

(1) - MODEL MGS18/2/A + MGS9/R + 7RA

(2) - MODEL MGS18/2/A + MGS9/R + 7RC



BALLESTRA S.p.A.
MILANO (ITALIA)

INSTRUMENT SPECIFICATION

DWG. 1E35-00-1117

CUSTOMER:

SH. 5

PLANT: SABIZ 25000 Kg/h

REV. 1

JOB: 1E35Z

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PRESSURE GAUGES WITH SWITCH

1	Tipo	Indicator	<input checked="" type="checkbox"/>	Receiver	<input type="checkbox"/>	28	Esecuzione cassa	Normal	<input type="checkbox"/>	Wproof	<input type="checkbox"/>
2	Type		<input type="checkbox"/>		<input type="checkbox"/>	29	Housing type	IP 55	<input checked="" type="checkbox"/>	Tropical.	<input checked="" type="checkbox"/>
3	Montaggio	Tap	<input type="checkbox"/>	Flush	<input type="checkbox"/>	30	Tipo interruttore	Mercury	<input type="checkbox"/>	Micro	<input checked="" type="checkbox"/>
4	Mounting	Surface	<input checked="" type="checkbox"/>		<input type="checkbox"/>	31	Switch type				
5	Elem. pressione	Bourdon	<input checked="" type="checkbox"/>	Bellows	<input type="checkbox"/>	32	Contatti tipo	SPDT	<input checked="" type="checkbox"/>	SPST	<input type="checkbox"/>
6	Pressure element	Diaphragm	<input type="checkbox"/>	Diaph.sep.	<input checked="" type="checkbox"/>	33	Contacts type				
7	Quadrante	diam. 150mm	<input checked="" type="checkbox"/>	Black on white	<input checked="" type="checkbox"/>	34	Capacità contatti	5 A - 24 V dc		N° 1	
8	Dial	diam. 250mm	<input type="checkbox"/>	100 subdivis.	<input type="checkbox"/>	35	Contacts rating				
9		Riempimento - Liquid filling			<input type="checkbox"/>	36	Differenziale	Fixed	<input checked="" type="checkbox"/>	Adjustab.	
10	Movimento	Reinforced	<input checked="" type="checkbox"/>	Standard	<input type="checkbox"/>	37	Differential				
11	Movement	Pointer adjust. micrometer type			<input checked="" type="checkbox"/>	38	Taratura	Internal	<input type="checkbox"/>	External	<input checked="" type="checkbox"/>
12	Connessioni	Back	<input type="checkbox"/>	Bottom	<input checked="" type="checkbox"/>	39	Setting				
13	Connections	Process 1/2" NPT			<input checked="" type="checkbox"/>	40	Minimo differenziale				
14		Electrical 1/2" NPT			<input type="checkbox"/>	41	Minimum differential				
15	Materiali	Pressure element		AISI 316	<input checked="" type="checkbox"/>	42	Interv.interrutt.	High limit	<input checked="" type="checkbox"/>	Low limit	<input type="checkbox"/>
16	Materials	Connection		AISI 316	<input checked="" type="checkbox"/>	43	Switch operating				
17		Movement		AISI 304	<input checked="" type="checkbox"/>	44	Contatto - Contact	Open	<input checked="" type="checkbox"/>	Closed	<input type="checkbox"/>
18		Case		INOX	<input checked="" type="checkbox"/>	45	Accessori - Accessoires				
19				ALLUM.	<input type="checkbox"/>	46	Smorzatore - Dampener				
20		Blow out disk		S. RUBB.	<input checked="" type="checkbox"/>	47	Limitat. press.-Press. lim. device				
21		External screws		INOX	<input checked="" type="checkbox"/>	48	Separatore membrana			YES	<input checked="" type="checkbox"/>
22	Rivestimento membrana			PTFE	<input type="checkbox"/>	49	Liquido separatore - Seal liquid			Silicon oil	
23	Diaphragm lining material					50	Attacco - Connection			See sh. 10	
24	Sensibilità max val. scala - of full scale		\pm 1%	<input checked="" type="checkbox"/>		51	Materiali - Materials				
25	Accuracy		\pm	<input type="checkbox"/>		52	Separatore - Diaphragm seal			AISI 316	
26	Max sovrappressione (% campo)		\geq 25%	<input checked="" type="checkbox"/>		53	Capillare - Capillary			AISI 304	
27	Max over range (% range)		\geq 30%	<input type="checkbox"/>		54	Lunghezza capill. - Capill. lenght			3000 mm	

Sigla Tag	Fluido Fluid	Servizio Service	Pressione Pressure Bar	Scala Scale Bar	MODEL	Note Notes
PISH 63.3	Slurry	On 63AB1	20 - 80	0 - 100	(1)	

Notes

(1) - MCE 20/1/A + MGS9/R



BALLESTRA S.p.A.
MILANO (ITALIA)

INSTRUMENT SPECIFICATION

DWG. 1E35-80-1117

CUSTOMER:

SH. 6

PLANT: SABIZ 25000 Kg/h

REV. 1

JOB: 1E35Z

Computer code: P12A09.xls

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PRESSURE GAUGES

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2	Type		<input type="checkbox"/>		<input type="checkbox"/>	29	Housing type	IP 55	<input checked="" type="checkbox"/>	Tropical.	<input checked="" type="checkbox"/>
3	Montaggio	Tap	<input type="checkbox"/>	Flush	<input type="checkbox"/>	30	Tipo interruttore	Mercury	<input type="checkbox"/>	Micro	<input type="checkbox"/>
4	Mounting	Surface	<input checked="" type="checkbox"/>		<input type="checkbox"/>	31	Switch type				
5	Elem. pressione	Bourdon	<input checked="" type="checkbox"/>	Bellows	<input type="checkbox"/>	32	Contatti tipo	SPDT	<input type="checkbox"/>	SPST	<input type="checkbox"/>
6	Pressure element	Diaphragm	<input type="checkbox"/>	Diaph.sep.	<input checked="" type="checkbox"/>	33	Contacts type				
7	Quadrante	diam. 150mm	<input checked="" type="checkbox"/>	Black on white	<input checked="" type="checkbox"/>	34	Capacità contatti			N°	
8	Dial	diam. 250mm	<input type="checkbox"/>	100 subdivis.	<input type="checkbox"/>	35	Contacts rating				
9		Riempimento - Liquid filling	<input type="checkbox"/>			36	Differenziale	Fixed	<input type="checkbox"/>	Adjustab.	<input type="checkbox"/>
10	Movimento	Reinforced	<input checked="" type="checkbox"/>	Standard	<input type="checkbox"/>	37	Differential				
11	Movement	Pointer adjust. micrometer type	<input checked="" type="checkbox"/>			38	Taratura	Internal	<input type="checkbox"/>	External	<input type="checkbox"/>
12	Conessioni	Back	<input type="checkbox"/>	Bottom	<input checked="" type="checkbox"/>	39	Setting				
13	Connections	Process 1/2" NPT	<input checked="" type="checkbox"/>			40	Minimo differenziale				
14		Electrical 1/2" NPT	<input type="checkbox"/>			41	Minimum differential				
15	Materiali	Pressure element	AISI 316	<input checked="" type="checkbox"/>		42	Interv.interrutt.	High limit	<input type="checkbox"/>	Low limit	<input type="checkbox"/>
16	Materials	Connection	AISI 316	<input checked="" type="checkbox"/>		43	Switch operating				
17		Movement	AISI 304	<input checked="" type="checkbox"/>		44	Contatto - Contact	Open	<input type="checkbox"/>	Closed	<input type="checkbox"/>
18		Case	INOX	<input checked="" type="checkbox"/>		45	Accessori - Accessoires				
19			ALLUM.	<input type="checkbox"/>		46	Smorzatore - Dampener				
20		Blow out disk	S. RUBB.	<input checked="" type="checkbox"/>		47	Limitat. press.-Press. lim. device				
21		External screws	INOX	<input checked="" type="checkbox"/>		48	Separatore membrana			YES	<input checked="" type="checkbox"/>
22	Rivestimento membrana		PTFE	<input type="checkbox"/>		49	Liquido separatore - Seal liquid			Silicon oil	
23	Diaphragm lining material					50	Attacco - Connection			See sh. 10	
24	Sensibilità max val.scale - of full scale	± 1%	<input checked="" type="checkbox"/>			51	Materiali - Materials				
25	Accuracy	±	<input type="checkbox"/>			52	Separatore - Diaphragm seal			AISI 316	
26	Max sovrappressione (%campo)	≥ 25%	<input checked="" type="checkbox"/>			53	Capillare - Capillary			AISI 304	
27	Max over range (% range)	≥ 30%	<input type="checkbox"/>			54	Lunghezza capill. - Capill. lenght			3000 mm	

Sigla Tag	Fluido Fluid	Servizio Service	Pressione Pressure Bar	Scala Scale Bar	MODEL	Note Notes
PI 64. 3A	Slurry	Pressure in nozzle 64AT1	IRING	20 - 80	0 - 100	(1)
PI 64. 4A	Slurry	Pressure in nozzle 64AT1	"	20 - 80	0 - 100	(1)
PI 64. 5A	Slurry	Pressure in nozzle 64AT1	"	20 - 80	0 - 100	(1)
PI-64.3B	SLURRY	"	IRING	"	0 - 100	(1)
PI-64.4B	"	"	"	"	"	(1)
PI-64.5B	"	"	"	"	"	(1)

Notes

(1) - MODEL MGS 1B/2/A + MGS/R + 7RC



DWG. 1E35-80-1117

SH. 7

REV. 1

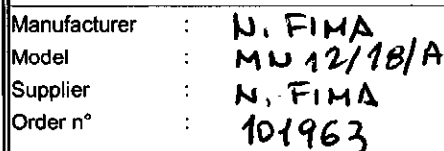
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2	Type		<input type="checkbox"/>		<input type="checkbox"/>	29	Housing type	IP 55	<input checked="" type="checkbox"/>	Tropical.	<input checked="" type="checkbox"/>
3	Montaggio	Tap	<input checked="" type="checkbox"/>	Flush	<input type="checkbox"/>	30	Tipo interruttore	Mercury	<input type="checkbox"/>	Micro	<input type="checkbox"/>
4	Mounting	Surface	<input type="checkbox"/>		<input type="checkbox"/>	31	Switch type				
5	Elem. pressione	Bourdon	<input checked="" type="checkbox"/>	Bellows	<input type="checkbox"/>	32	Contatti tipo	SPDT	<input type="checkbox"/>	SPST	<input type="checkbox"/>
6	Pressure element	Diaphragm	<input type="checkbox"/>	Diaph.sep.	<input type="checkbox"/>	33	Contacts type				
7	Quadrante	diam. 150mm	<input checked="" type="checkbox"/>	Black on white	<input checked="" type="checkbox"/>	34	Capacità contatti			N°	
8	Dial	diam. 250mm	<input type="checkbox"/>	100 subdivis.	<input type="checkbox"/>	35	Contacts rating				
9		Riempimento - Liquid filling			<input type="checkbox"/>	36	Differenziale	Fixed	<input type="checkbox"/>	Adjustab.	<input type="checkbox"/>
10	Movimento	Reinforced	<input checked="" type="checkbox"/>	Standard	<input type="checkbox"/>	37	Differential				
11	Movement	Pointer adjust. micrometer type			<input checked="" type="checkbox"/>	38	Taratura	Internal	<input type="checkbox"/>	External	<input type="checkbox"/>
12	Conessioni	Back	<input type="checkbox"/>	Bottom	<input checked="" type="checkbox"/>	39	Setting				
13	Connections	Process 1/2" NPT			<input checked="" type="checkbox"/>	40	Minimo differenziale				
14		Electrical 1/2" NPT			<input type="checkbox"/>	41	Minimum differential				
15	Materiali	Pressure element		AISI 316	<input checked="" type="checkbox"/>	42	Interv.interrutt.	High limit	<input type="checkbox"/>	Low limit	<input type="checkbox"/>
16	Materials	Connection		AISI 316	<input checked="" type="checkbox"/>	43	Switch operating				
17		Movement		AISI 304	<input checked="" type="checkbox"/>	44	Contatto - Contact	Open	<input type="checkbox"/>	Closed	<input type="checkbox"/>
18		Case		INOX	<input checked="" type="checkbox"/>	45	Accessori - Accessoires				
19				ALLUM.	<input type="checkbox"/>	46	Smorzatore - Dampener			:	
20		Blow out disk		S. RUBB.	<input checked="" type="checkbox"/>	47	Limitat. press.-Press. lim. device			:	
21		External screws		INOX	<input checked="" type="checkbox"/>	48	Separatore membrana			:	
22	Rivestimento membrana			PTFE	<input type="checkbox"/>	49	Liquido separatore - Seal liquid			:	
23	Diaphragm lining material					50	Attacco - Connection			:	
24	Sensibilità	max val. scala - of full scale	± 1%	<input checked="" type="checkbox"/>		51	Materiali - Materials			:	
25	Accuracy		±	<input type="checkbox"/>		52	Separatore - Diaphragm seal			:	
26	Max sovrappressione (%campo)		25%	<input checked="" type="checkbox"/>		53	Capillare - Capillary			:	
27	Max over range (% range)		30%	<input type="checkbox"/>		54	Lunghezza capill. - Capill. lenght			:	

Sigla Tag	Fluido Fluid	Servizio Service	Pressione Pressure Bar	Scala Scale Bar	<u>MODEL</u>	Note Notes
PI 64.6	Air	Discharge 64K6	0,7 - 0,9	0 - 1	MGS18/2/A	
PI 64.7	AIR	DISCHARGE 64K7	0,7 - 0,9	0 - 1	"	
PI 64.8	WATER	DELIVERY 64 P1	5 - 8	0 - 10	"	

Notes



INSTRUMENT SPECIFICATION

DWG. 1E35-80-1117

CUSTOMER:

SH. 9

PLANT: SABIZ 25000 Kg/h

REV. 1

JOB: 1F35Z

Computer code:

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PRESSURE GAUGES WITH SWITCH

1	Tipo	Indicator	<input checked="" type="checkbox"/>	Receiver	<input type="checkbox"/>	28	Esecuzione cassa	Normal	<input type="checkbox"/>	Wproof	<input type="checkbox"/>
2	Type		<input type="checkbox"/>		<input type="checkbox"/>	29	Housing type	IP 55	<input checked="" type="checkbox"/>	Tropical.	<input checked="" type="checkbox"/>
3	Montaggio	Tap	<input type="checkbox"/>	Flush	<input type="checkbox"/>	30	Tipo interruttore	Mercury	<input type="checkbox"/>	Micro	<input checked="" type="checkbox"/>
4	Mounting	Surface	<input checked="" type="checkbox"/>		<input type="checkbox"/>	31	Switch type				
5	Elem. pressione	Bourdon	<input checked="" type="checkbox"/>	Bellows	<input type="checkbox"/>	32	Contatti tipo	SPDT	<input checked="" type="checkbox"/>	SPST	<input checked="" type="checkbox"/>
6	Pressure element	Diaphragm	<input type="checkbox"/>	Diaph.sep.	<input checked="" type="checkbox"/>	33	Contacts type				
7	Quadrante	diam.150mm	<input checked="" type="checkbox"/>	Black on white	<input checked="" type="checkbox"/>	34	Capacità contatti	5 A - 24 V dc		N° 1	
8	Dial	diam. 250mm	<input type="checkbox"/>	100 subdivis.	<input type="checkbox"/>	35	Contacts rating				
9		Riempimento - Liquid filling			<input type="checkbox"/>	36	Differenziale	Fixed	<input checked="" type="checkbox"/>	Adjustab.	
10	Movimento	Reinforced	<input checked="" type="checkbox"/>	Standard	<input type="checkbox"/>	37	Differential				
11	Movement	Pointer adjust. micrometer type			<input checked="" type="checkbox"/>	38	Taratura	Internal	<input type="checkbox"/>	External	<input checked="" type="checkbox"/>
12	Connessioni	Back	<input type="checkbox"/>	Bottom	<input checked="" type="checkbox"/>	39	Setting				
13	Connections	Process 1/2" NPT			<input checked="" type="checkbox"/>	40	Minimo differenziale				
14		Electrical 1/2" NPT			<input type="checkbox"/>	41	Minimum differential				
15	Materiali	Pressure element		AISI 316	<input checked="" type="checkbox"/>	42	Interv.interrutt.	High limit	<input checked="" type="checkbox"/>	Low limit	<input checked="" type="checkbox"/>
16	Materials	Connection		AISI 316	<input checked="" type="checkbox"/>	43	Switch opening	(1)		(2)	
17		Movement		AISI 304	<input checked="" type="checkbox"/>	44	Contatto - Contact	Open	<input checked="" type="checkbox"/>	Closed	<input type="checkbox"/>
18		Case		INOX	<input checked="" type="checkbox"/>	45	Accessori - Accessoires				
19				ALLUM.	<input type="checkbox"/>	46	Smorzatore - Dampener				
20		Blow out disk		S. RUBB.	<input checked="" type="checkbox"/>	47	Limitat. press.-Press. lim. device				
21		External screws		INOX	<input checked="" type="checkbox"/>	48	Separatore membrana				<input checked="" type="checkbox"/>
22	Rivestimento membrana			PTFE	<input type="checkbox"/>	49	Liquido separatore - Seal liquid			Silicon oil	
23	Diaphragm lining material					50	Attacco - Connection			See sh.	
24	Sensibilità	max val.scale - of full scale	±	1%	<input checked="" type="checkbox"/>	51	Materiali - Materials				
25	Accuracy		±		<input type="checkbox"/>	52	Separatore - Diaphragm seal			AISI 316	
26	Max sovrappressione (%campo)		≥	28%	<input checked="" type="checkbox"/>	53	Capillare - Capillary			AISI 304	
27	Max over range (% range)			30%	<input type="checkbox"/>	54	Lunghezza capill. - Capill. lenght			3000 mm	

Sigla Tag	Fluido Fluid	Servizio Service	Pressione Pressure Bar	Scala Scale Bar	<u>MODEL</u>	Note Notes
PISH65.1	PERFUME	DELIVERY 65 P1A	5-7	0-10	(3)	(1)
PISH65.2	PERFUME	DELIVERY 65 P1B	5-7	0-10	(3)	(1)
PISL65.1	AIR	ATOMIZING AIR TO 65MX1	3-7	0-10	(3)	(2)

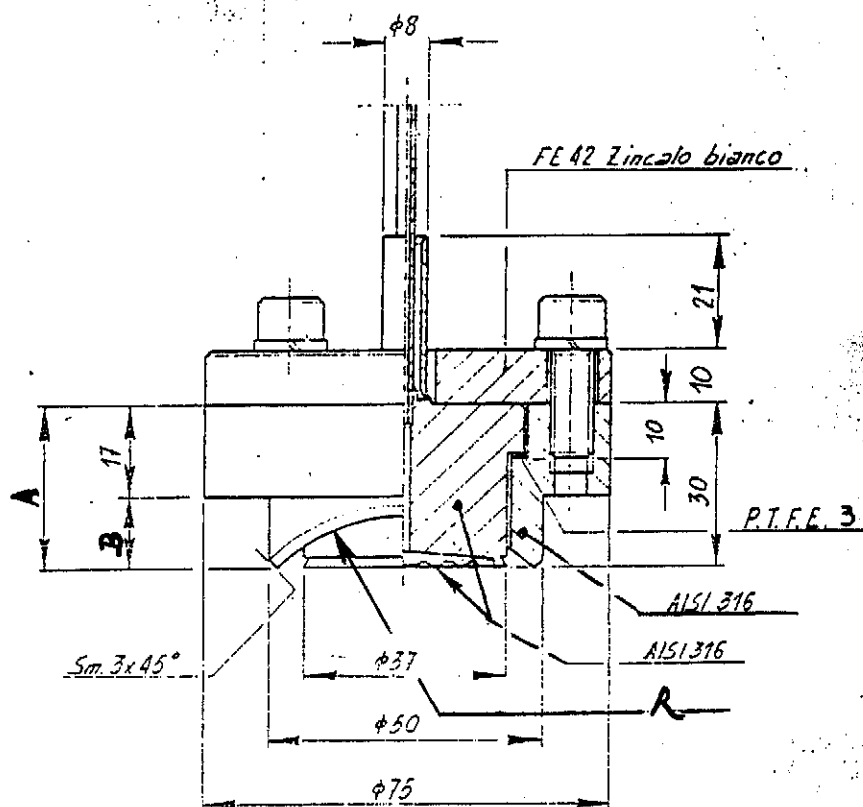
Notes

- (1) CONTACT OPEN FOR HIGH LIMIT
- (2) CONTACT CLOSE FOR LOW LIMIT
- (3) MODEL MCE 20/1/A

SADDLE WELDED: TYPES AND DIMENSIONS

DS-55A // 108

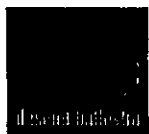
- saddle welded for pipes DN 2" ÷ 8".



DN TUBAZIONE	DIMENSIONI DIMENSIONS		
PIPE	A	B	R
50	36	19	30,1
65	34	17	36,5
80	32,5	15,5	44,5
100	31	14	51

DN TUBAZIONE	DIMENSIONI DIMENSIONS		
PIPE	A	B	R
125	26	9	70,7
150	25,5	8,5	84,2
175			
200	24	7	109,5

REV.	DESCRIZIONE DESCRIPTION	DATA DATE	COMP. BY	APPR. APPR.	DATI D'ACQUISTO PURCHASING DATA	1	2	3
6					N. R.D.O.			
5					COSTRUTTORE MANUFACTURER			
4					MODELLO MODEL			
3					FORNITORE SUPPLIER			
2					N. ORDINE ORDER NO			
1					DATA EMISSIONE ORDINE ORDER ISSUING DATE			
0	Issue				DATA CONSEGNA DELIVERY DATE			



INSTRUMENT SPECIFICATION **SPECIFICA STRUMENTI**

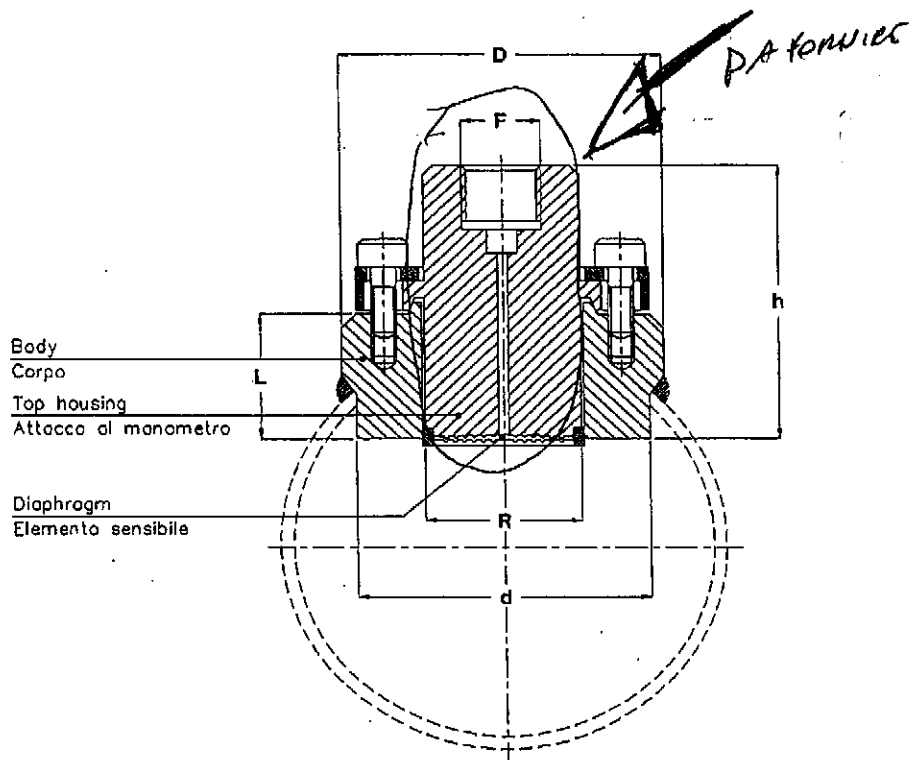
Specification N° **1E35-80-117**
 Specifica N°
 Sheet : **12** of **12**
 Foglio
 Rev. **1**

Customer - Cliente
 Plant - Impianto : **SABIZ 25000**
 Job - Commessa : **1E35 Z**

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SPECIAL FITTING FOR CONNECTION IN LINE OF MANOMETER COMPLETE OF DIAPHRAGM **Raccordo speciale per il collegamento in linea dei manometri completi dei separatori a membrana**

MGS 9/R



Model: see Note 1

MATERIALS

TOP HOUSING	AISI 316
BODY	AISI 316
DIAPHRAGM	AISI 316 L

DN	Cod.	D	d	b	L	h	R	F	Scale Ranges
5-100		80	75		35	72	38	1/2" GAS	0-250 bar

Note :

1)_ FORNIRE SOLO PARTE SUPERIORE DEL SEPARATORE + GUARNIZIONE E DADI