

# INSTRUMENTS SPECIFICATION SPECIFICA STRUMENTI

Customer - Cliente : SAB

Job - Commessa

SABIZ 25000 Kg/h

Sheet
Foglio
Rev.

1E35-80-1134

of 7

Specification N°
Specifica N°

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# PADDLE LEVEL SWITCHES

# Interruttori di livello tipo a paletta

## **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
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REV. 5										Ī																

2	ISSUE FOR ORDER n. 101961	RCL	25.10,10
1	ISSUE FOR BID - SH. 7	RCL	06.10.10
0	ISSUE FOR ORDER n. 101586 - ARIOSTEA	RCL	27.09.10
REV	Issue Description	Author	Date
Rev.	Descrizione	Autore	Data

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INSTRUMENT SPECIFICATION	
David 1632	/
DWG. 1E35 -80.	· 1134
CUSTOMER: SH. 2	
BALLESTRA AND PLANT: SABIZ 25000 Kg/h REV. 0	
JOB: 1E 35 Z   Computer code: LSWP2AU9.xis	·
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PADDLE LEVEL SWITCHES	
1 Strumento Electric Pneumatic 🗌 28 Esecuzione cassa Normal 🔲 Wpro	of [
2 Description Buoyan. type 🗆 Pressure type 🗀 29 Housing type IP 65 📰 Trop	cal.
3 Displac. type	
4 Elem sensibile Float Diaphragm 31 Switch type	
5 Detector Rotary paddle Other 32 Contatti tipo SPDT SPS	r [
6 Trasmissione Torque tube   Flexible link   33 Contacts type	
7 Transmission Magnetic Other 34 Capacità contatti 5 A - 24 V dc N°	1
8 Materials Detector NYLON 6 S Contacts rating 9 Materials Wetted parts 36 Differenziale Fixed M Adju	otah 🗆
9 Materials Wetted parts	• <b>.</b> _
11 Stuffing box   38   Taratura Internal   Exter	mel [
12 Case NYLON 6 139 Setting	LIPCHT E.
13 Transmission	
14 Stem AISI 304 <b>5</b> 41 Minimum differential	
	limit [
16 Body A3 Switch operting	
17 External screws AISI 304 M 44 Contatto - Contact Open  Clos	ed [
□ 45 Campo - Range :	ON-OF
19 Detector lining	YES ¥
20 Alimentazione 110 V - 50 Hz 2 Dati di processo - Process data	
21 Feeding 24 V dc 48 Stato - State : Solid /Re	nuder
22 Connections Electrical : 1/2" GAS-F 49 Viscosità - Viscosity : CP	
23 Attacchi Process : 2 1/2" GAS-M 50 Peso specifSpecific weight : 043 - 12	Kg/m3
24 Motore tipo - Motor type : SINCHRONOUS 51 Pressione - Pressure : Atm	
25 Dimensioni B1 : 3.50 mm 52 Temperatura - Temperature : 45 °C	
26 Dimensions B2 : mm 53 Tendenze a ricoprire - Coating tendency :	NO
54	
Manufacturer : ARIOSTBA	
Sigla Serbatoio Fluido Note Model : LL / 350	
Tag Vessel Product Notes Order n° :	
L CH CO 4 COV4 Codium culphoto	
LSH 62.3   OZV1   Sodium suipriate	<u> </u>
LSH 62.2 62V2 Sodium carbonate	5
CSH 62.3 62V3 Stpp  CSH 62.4 62V4 Zeolite 92	<b>-</b> ()
LSH 62.5 62V5 Cmc	¥.
X. KAND	
B1 115	
Notes:	
(*) For LOW LEVEL (POLITY LIBERA)	
(x) For LOW LEVEL (POLITY LIBERA)  MODEL: ILL-350	
(*) For LOW LEVEL POLITY LIBERA	

BALLESTRA MAA	

INST	TRUMENT SPECIFICATION	/
		DWG. 1E35-80-1134
CUSTOMER		SH. 3
PLANT:	SABIZ 25000 Kg/h	REV. 0
JOB.	1F357	Commuter code: LSWP2A09 xls

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Strumento	Electr	ic		Pneumatic		28	Esecuzione cassa	Normal		Wproof	_
Description	Buoya	an. type		Pressure type		29	Housing type	IP 65		Tropical.	_
		ic. type				-1 1	Tipo interruttore	Mercury		Micro	
Elem. sensibile				Diaphragm			Switch type	•		<u>,</u>	_
Detector		y paddle	19	Other		- 1	Contatti tipo	SPDT		SPST	-
Trasmissione	=	ie tube		Flexible link		1 1	Contacts type	-			
Transmission	Magn			Other		-1 1	Capacità contatti	5 A - 24 V	dc	N° 1	
Materiali	Detec			NYLON 6	3 📆		Contacts rating				_
Materials		ed parts					Differenziale	Fixed	$\xi_{i,j}$	Adjustab.	
		ole cable				1 1	Differential			_	
		ng box					Taratura	Internal		External	
	Case			NYLON 6		1 1	Setting				
		mission				1 1	Minimo differenziale				
	Stem			AISI 304	_		Minimum differential			<del></del>	
		. spring				1 1	Interv.interrutt.	High limit		Low limit	
	Body	•					Switch operting	_			
	Exter	nal screw	S	AISI 304			Contatto - Contact	Ореп		Closed	_
3						1 1	Campo - Range			: ON-	
	Dete	ctor lining				→ ⊦	Con spia luminosa-W		iight	: YE	5
Alimentazione	_	_	-	110 V - 50 Hz		1 1	Dati di processo - Pro	cess data			
1 Feeding				24 V dc		-1 ** 1	Stato -State		: Soli	_	
2 Connections	Elect		;	1/2" GAS-F		1 1	Viscosità - Viscosity	ē	:	CP	
Attacchi	Proc	<u>ess</u>	:	2 1/2" GAS-M		- 1	Peso specific	-	:	Kg/	/n
4 Motore tipo -		•		SINCHRONO	.US	—i I	Pressione - Pressure		: Atm		
5 Dimensioni		• 3	50	mm			Temperatura - Tempe		: <b>4</b> 5	-	į,
8 Dimensions	82	:		mm		53	Tendenza a ricoprire	- Coating t	endency	r: 1	N
7						54	Manufacture -	λο <del>-</del>	- A G	<del></del>	_
O:-I-	Danking 1			المرارية		i=4-	Manufacturer :	ARIOST			
Sigla	Serbatolo		-	iuido			Model :	ILL/	25c	)	
Tag	Vessel	}	PI	roduct	N	otes	Order n° ;	r			
SL 62.1	62V1	Sodium	Suir		+		1		[T7		
SL 62.2	62V2	Sodium					1	**72		1^	
SL 62.3	62V3	Stpp	. 41	<del>-</del>	$\top$		<b>1</b> ~			170	
SL 62.4	62V4	Zeolite		· · · · · · · · · · · · · · · · · · ·	1		125			ļ <u>_</u> [	
SL 62.5	62V5	Cmc			$\top$		7 <b>~</b> ↓ 📓	;	₩ <b>Ш</b>		•
SL 62.6	62V6	0.B.			_		e 6x165	į			
SL62.6A		0,8/		NOR	_		B	1 .	115	1	
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BALLESTRA R.P.A. MELANO (ITALIA)

INST	PUMENT SPECIFICATION	
		DWG. 1E35-80-1134
CUSTOMER		SH. 4
PLANT:	SABIZ 25000 Kg/h	REV. O
JOB:	1E35Z	Computer code: LSWP2A09.xls

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### PADDLE LEVEL SWITCHES

		1 <del>1</del>									<del></del>	
	Strumento	Electri	ic		Pneumatic			Esecuzione cassa	Normal		Wproof	
	Description	-	an. type		Pressure type			Housing type	IP 65		Tropical.	
3		<del>.</del>	ac. type		<del></del>	므	30	Tipo interruttore	Mercury		Micro	
4	Elem. sensibile				Diaphragm		•	Switch type				
5	Detector		y paddle	<u>=</u>	Other		32	Contatti tipo	SPDT		SPST	
1 1	Trasmissione	•	e tube		Flexible link		33	Contacts type				
7	Transmission	. Magn			Other	ᆜ	34	Capacità contatti	5 A - 24 V	dc	N° 1	
1 -	Materiali Materiali	Detec			NYLON 6		F 1	Contacts rating				
	Materials		ed parts				1 1	Differenziale	Fixed		Adjustab.	
10	[		ole cable				37	Differential	tet *			_
11			ng box		28/1 241 4		38	Taratura	Internal		External	
12	<b>\</b>	Case			NYLON 6	_	39	Setting				
13			smission		AISI 304		40	Minimo differenziale Minimum differential				
14		Stem			AIOI JU4		41 42	Minimum differential Interv.interrutt.	<u> </u>	No.	1 1	
15 16		Supp Body	. spring				43	Switch operting	High limit	X	Low limit	
16		•	rnal screws	2	AISI 304	i		Contatto - Contact	Open		المماث	_
18		EXIC	6U GW	•	MIGI 304		45	Campo - Range	Open		Closed	-OFF
19		Dete	ctor lining				46	Con spia luminosa-Wi	th wemin	ı liaht	: ON-	
20	Alimentazione	756	: mm/9		110 V - 50 Hz		47	Dati di processo - Pro		A 11A) IT	. 122	
21	1				24 V dc	[ ]	48	Stato - State	५५ चराव	: So	olid	
22		Elect	trical	:	1/2" GAS-F	<u> </u>	49	Viscosità - Viscosity		:	CP	
23	1	Proc		:	2 1/2" GAS-M		50	Peso specifSpecific	weiaht	43	0 Kg/m3	
24			:	<del></del>	SINCHRONOL	US	51	Pressione - Pressure	<del></del>	: Atı	_	
25		BÍ1	14	50	rnm 💥		52	Temperatura - Tempe	rature	: 35		
26	Į	B2	TE.	<i>)</i> ()	mm		53	Tendenza a ricoprire			-	NO
27	1						54					-
								Manufacturer :	ARIOS	TEA	<del></del>	
1	Sigla	Serbatoio		F	iuldo	N	ote	Model :	rlle	775	SO S	
ļ	Tag	Vessel	{	Pr	oduct	No	otes	Order n° :	/	- 70	•	
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LS	H-64.4	64VB	Zeolite			Vect		4			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
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### INSTRUMENT SPECIFICATION DWG. 1E35-80-1134 SH. CUSTOMER: PLANT: SABIZ 25000 Kg/h REV BALLESTRA ... MELANO (FRALIA) Computer code: LSWP2A09.xls JOB: prietà a termine di leggo di questo documento con divicto di riprodurlo anale in parte o di renderlo a tezzi senza nostra autorizzazione scritta. ombio under the law of this document with probibition of sven partial reproduction end to make it known to third persons without our written at Ci riservismo la proprietà a termine di logge di questo docu PADDLE LEVEL SWITCHES Electric Pneumatic $\Box$ Esecuzione cassa Normal Wproof Strumento IP 65 Tropical. Description Pressure type 29 Housing type 2 Buoyan, type 30 Tipo interruttore Mercury Micro 3 Displac, type Eiem, sensibile Float Diaphragm 31 Switch type 32 Contatti tipo SPDT SPST Other Detector Rotary paddle 5 Contacts type Fiexible link 33 6 Trasmissione Torque tube Capacità contatti 5 A - 24 V dc N° Transmission Other 34 Magnetic NYLON 6 Contacts reting 35 Materiali Detector Materials Differenziale Fixed Adjustab. Wetted parts $\Box$ Differential 37 10 Flexible cable Taratura 38 Internal External [ Stuffing box 11 NYLON 6 39 Settina Case 12 Minimo differenziale Transmission 13 AISI 304 Minimum differential Stem 14 interv.interrutt. High ilmit Low limit 15 Supp. spring 43 Switch operting 16 Body **AISI 304** 44 |Contatto - Contact Open Closed 17 External screws 45 Campo - Range 18 Con spia luminosa-With warning light 46 19 **Detector lining** Dati di processo - Process data 20 Alimentazione 110 V - 50 Hz 47 48 Stato -State Solid 24 V dc 21 Feedina CP Viscosità - Viscosity Electrical 1/2" GAS-F 22 Connections 300-400 Kg/m3 Peso specif.-Specific weight 50 2 1/2" GAS-M 23 Attacchi **Process** Pressione - Pressure Atm SINCHRONOUS Motore tipo - Motor type 24 Temperatura - Temperature 25 Dimensioni 3*5*0 mm Tendenza a ricoprire - Coating tendency: 53 Dimensions 26 mm 54 27 Manufacturer ARIOSTES Model Serbatolo Fluido Note Sigla

**ON-OFF** 

NO

YE8

**Product** Notes Order n° Vessel Tag 65V2 BENTONITE LSH 65.2 65<u>V6</u>A LSH 65.6A SPECKLES 'B' SH65-6B 6546B SPECKLES 10 Ī LSH 65.6 C 65 V6 C SPECKLES LSH 65.6D 65 V6D SPECKLES יעוּ **B1** 115 ZEOLITE Notes: MODEL: ILL 350 SUPPLIER! A RIOSTEA ORDER n. 101586

# BALLESTRA ... MILANO (STALIA)

INST	TRUMENT SPECIFICATION	)N
		DWG.1E35-80-1134
CUSTOMER		SH. 6
PLANT:	SABIZ 25000 Kg/h	REV. 0
IOB.	16357	Computer code: LSWP2A09.xis

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ARIOSTEA SU PPLIER 101586 ORNED M.



### INSTRUMENT SPECIFICATION

DWG.1E35-80-1134

CUSTOMER:

JOB:

SABIZ 25000 Kg/h 1 6 3 5 乙 PLANT:

SH. REV.

Computer code: LSWP2A09.xls

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					PADDLE LE	VEL	SW	ITCHES				l
1	Strumento	Electri	c		Pneumatic		28	Esecuzione cassa	Normal		Wproof	
2	Description	Buoya	n. type		Pressure type		29	Housing type	IP 65		Tropical.	
3	•	Displa	c. type				30	Tipo interruttore	Mercury		Micro	
4	Elem. sensibile	Float			Diaphragm		31	Switch type				
5	Detector	Rotar	y paddle		Other		32	Contatti tipo	SPDT		SPST	
6	Trasmissione	Torqu	e tube		Flexible link		33	Contacts type				
7	Transmission	Magn	etic		Other		34	Capacità contatti	5 A - 24 \	/ dc	N° 1	
8	Materiali	Detec	tor		NYLON 6		35	Contacts rating	.,			
8	Materials	Wette	d parts				36	Differenziale	Fixed		Adjustab.	. 🗆
10		Flexib	le cable				37	Differential		-		
11	<b>`</b>	Stuffin	ng box				38	Taratura	internal		External	
12	ł	Case			NYLON 6		39	Setting				
13	1	Trans	mission				40	Minimo differenziale				
14		Stem			AISI 304		41	Minimum differential				
15		Supp	. spring				42	Interv.interrutt.	High limi	t 🗀	Low limit	
16	1	Body					43	Switch operting				
17	1	Exter	nal screws	3	AISI 304		44	Contatto - Contact	Open		Closed	
18	1						45	Campo - Range			: ON	-OFF
19	1	Dete	ctor lining				46	Con spia luminosa-W	ith warnir	ng light	: YE	8
20	Alimentazione				110 V - 50 Hz		47	Dati di processo - Pro	ocess data	3		
21	Feeding				24 V dc		48	Stato -State		: S	olid	
22	Connections	Elect	rical	:	1/2" GAS-F		49	Viscosità - Viscosity		:	CP	
23	Attacchi	Proc	ess	:	2 1/2" GAS-M		50	Peso specifSpecific	weight	: 43	30 Kg/m3	
24	Motore tipo -	Motor type	:		SINCHRONOL	JS	51	Pressione - Pressure	)	: A	tm	
25	Dimensioni	81	;		mm		52	Temperatura - Temp	erature	: 3	5 °C	
26	Dimensions	B2	SEE (1)(1	No	T <del>E</del> mm		53	Tendenza a ricoprire	- Coating	tendend	cy:	NO
27	1		Circ	4			54	į				
1	<u></u>							Manufacturer :	ARIO:	STEA		
1	Sigla	Serbatoio	ļ	F	luido	N	ote	Model :	ille	/		
1	Tag	Vessel		PI	roduct	No	otes	Order n° :		/		
1			1									
LS	L 64.7	64VG	Zeolite			[1	1)	7				
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