

Suction Line SDL

For barrels and containers



EN

⁰²

Supplement

To be held for future reference.

1. General

With suction lines of the type SDL chemical fluids safely can take out of barrels and containers.

2. Draft

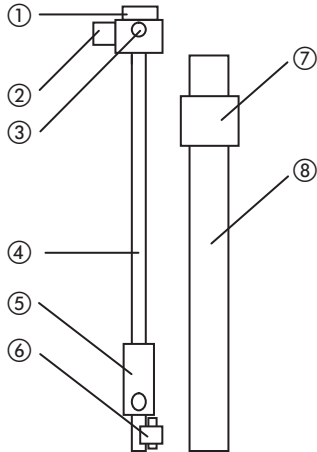


Abb. 2.1.: Schema suction line SDL

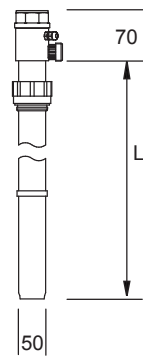


Abb. 2.2.: Draft suction line SDL

3. Technical Data

Suction Line SDL		
①	Cap	1 1/4" with seal
②	Suction connection	+GF+ Fitting DN 15, optional with spout d 9 oder spout d 16
③	Cable	2,5 m mit Stereo-Klinkenstecker d 3,5
④	Suction tube	DN15
⑤	Non-return valve	yes
⑥	Float switch	1 float switch für empty status signal (SDL-1) 2 float switch für empty status signal und pre-alarm (SDL-2)
⑦	Tank connection (optional)	G2, or optional thread 2" Mauser
⑧	Protection pipe	D 50 mm
	Length suction tube (L)	1000, 1100 oder 1400 mm (more lengths on request)
	Gluten	Tangit, optional DYTEX
	Material	PVC
	Seals	EPDM, optional FPM

Tab. 3.1: Technical data suction line SDL

Float switch	
Switching voltage	48V
Switching current	0,5 A
Switching capacity	10W/VA
Protection class	IP 67
Temperature range	-25°C ... +60°C
Material	PP

Tab 3.2: Technical data float switch

4. Application

Before using the equipment for the first time or after changing the fluid expell the air from the unit by repeated rapid movements upwards and downwards.

5. Function

5.1 Connection

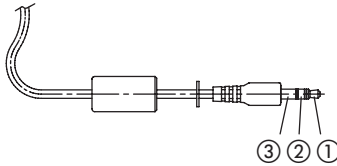


Abb. 5.1: Stereo jack with cable

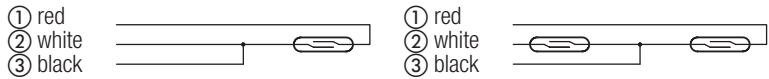


Abb. 5.2: Kabel- und Steckerbelegung

left: SDL-1 (1 float switch), ① Empty status signal, ② and ③ 0 (Ground)

right: SDL-2 (2 float switch), ① main alarm, ② Pre-alarm and ③ 0 (Ground)

5.2. Switch function of float switch

Bei moving the swimmer up the reedcontact is closing.

5.3. Type of contact of float switch

The contact type of the suction line SDL is „falling opened“.
This means that the contact is made with an increasing level.

5.4. Reversing the contact type of the float switch

It is possible to reverse the contact type:

1. Remove the protection pipe
2. Remove the hexagon nut and washer
3. Pull the float from its axis and remount it upside down
4. Remount the hexagon nut and washer handtight



Abb. 5.3: Float switch reversing type of contact

6. Article Numbers

12200085	Suction line SDL-1 DN15 PVC/EPDM L=1000 20i
12200145	Suction line SDL-1 DN15 PVC/EPDM L=1000 9/15 9/15
12200164	Suction line SDL-1 DN15 PVC/EPDM L=1000 Spout d9
12200165	Suction line SDL-1 DN15 PVC/EPDM L=1000 Spout d16
12200086	Suction line SDL-1 DN15 PVC/EPDM L=1200 20i
12200111	Suction line SDL-1 DN15 PVC/EPDM L=1200 Spout d16
12200134	Suction line SDL-1 DN15 PVC/EPDM L=1200 Spout d9
12200087	Suction line SDL-1 DN15 PVC/EPDM L=1400 20i
12200141	Suction line SDL-1 DN15 PVC/EPDM L=1400 9/15 9/15
12200125	Suction line SDL-1 DN15 PVC/FPM L=1000 Spout d16
12200163	Suction line SDL-1 DN15 PVC/FPM L=1000 Spout d9
12200123	Suction line SDL-1 DN15 PVC/FPM L=1200 Spout d16
12200088	Suction line SDL-2 DN15 PVC/EPDM L=1000 20i 20i
12200089	Suction line SDL-2 DN15 PVC/EPDM L=1200 20i 20i
12200095	Suction line SDL-2 DN15 PVC/EPDM L=1200 Spout d16
12200090	Suction line SDL-2 DN15 PVC/EPDM L=1400 20i
12200094	Suction line SDL-2 DN15 PVC/FPM L=1200 Spout d16

More variants on request.

22. Warranty

Please copy and send with the device.

If the device breaks down within the period of warranty, please return it in a cleaned condition with the complete warranty application, filled out.

Sender

Company:..... Phone:..... Date:.....

Address:.....

Contact person:

Manufacturer order-no.: Delivery date:.....

Device type:..... Serial no.:

Nominal capacity/nominal pressure:

Description of fault:

.....

.....

Type of fault:

1. Mechanical fault

- premature wear
- wear parts
- breakage/other damage
- damage in transit

2. Electrical fault

- loose connections such as plug connector or cable
- operating elements (e.g., switches/buttons)
- electronics - corrosion

3. Leaks

- connections
- dosing head

4. No or inadequate function

- defective diaphragm
- other

Service conditions of the device

Point of use / system designation:.....

Accessories used (Suction line, etc.):.....

.....

.....

Commissioning (date):.....

Duty period (approx. operating hours):.....

Please describe the specifics of the installation and provide a simple diagram with details of the material, diameter, length and levels.



Lutz-Jesco GmbH

Am Bostelberge 19
30900 Wedemark
Germany

Phone: +49 5130 5802-0
Fax: +49 5130 5802-68
E-Mail: info@lutz-jesco.de
Internet: www.lutz-jesco.de

24h-Hotline: +49 5130 580 280

Austria

Lutz-Jesco GmbH

Aredstraße 29/212
2544 Leobersdorf
Austria

Phone: +43 2256 62180
Fax: +43 2256 6218062
E-Mail: info@lutz-jesco.at
Internet: www.lutz-jesco.at

Great Britain

Lutz-Jesco (GB) Ltd.

Gateway Estate
West Midlands Freeport
Birmingham B26 3QD
Great Britain

Phone: +44 121 782 2662
Fax: +44 121 782 2680
E-Mail: info-gb@jesco.de
Internet: www.lutz-jesco.de

Netherlands

Lutz-Jesco Nederland B.V.

Nijverheidstraat 14 C
2984 AH Ridderkerk
Netherlands

Phone: +31 180 499460
Fax: +31 180 497516
E-Mail: info@lutz-jesco.nl
Internet: www.lutz-jesco.nl

Hungary

Lutz-Jesco Üzletág

Vasvári P. u. 9.
9024 Győr
Hungary

Phone: +36 96 523046
Fax: +36 96 523047
E-Mail: info-hu@jesco.de
Internet: www.lutz-jesco.hu

USA

Lutz-JESCO America Corp.

55 Bermar Park
Rochester, NY 14624
USA

Phone: +1 585 426-0990
Fax: +1 585 426-4025
E-Mail: mail@jescoamerica.com
Internet: www.jescoamerica.com

East Asia

Lutz-Jesco
East Asia Sdn Bhd

Taman Perindustrian Jaya
47200 Petaling Jaya
Malaysia

Phone: +603 78454812
Fax: +603 78458413
E-Mail: info@lutz-jescoasia.com
Internet: www.lutz-jescoasia.com

Middle East

Lutz-Jesco Middle East FZE

P.O. Box 9614
SAIF-Free Zone Center
Sharjah
UAE

Phone: +971 6 5572205
Fax: +971 6 5572230
E-Mail: info-me@jesco.de
Internet: www.jescome.com



Best.-Nr. BB-12203-02-V02a
Subject to technical changes
© Lutz-Jesco GmbH 09.2007
Printed in Germany