

SUCTION LANCES



INSPIRED. SOLUTIONS. FOR CUSTOMERS.

SUCTION LANCES WITHOUT LEVEL SWITCH

The **sera** suction lances are used for the removal of chemicals from containers. The suction lances can be installed height-adjustable in a container lid (not included in delivery) or placed directly in the container. For the **sera** suction lance, the regulations applicable at the place of installation must always be observed before and during operation.

- Compact, robust design
- Easy handling
- Maintenance free
- High quality materials
- individual special lengths
- up to max. 1.500 mm possible



MATERIALS

Suction lance S-01		PVC-U	PP(-FRP)	PVDF(-FRP)	1.4571
Foot valve	PVC-U				
	1.4401				
	PP-FRP				
	PVDF-FRP				
Valve ball	PTFE				
	1.4401				
	FPM				
Sealings	EPDM				
	FEP-covered				

TECHNICAL DATA / DIMENSIONS

				S-	01		
Nominal width	DN	10	15	15	15	20	20
Threaded connection	G	G¾	G¾	G1	G1¼	G1	G1¼
Max. flow rate	l/h	200	200	600	600	600	1450
Max. viscosity of conveyed medium	mPas	100	100	100	100	100	100
Min. density of conveyed medium	kg/dm³	1	1	1	1	1	1
Max. pump stroke volume	cm ³	20	20	103	103	103	245

1.4571







				S-(01		
DN		10	15	15	15	20	20
G		G3⁄4	G¾	G1	G1¼	G1	G1¼
	1.4571	60	60	60	60	60	60
D	PVC-U	38	53	53	53	63	63
	PP(-FRP), PVDF(-FRP)	35		-		52	52
		650	650	650	650	650	650
ι		1000	1000	1000	1000	1000	1000
		1250	1250	1250	1250	1250	1250
	max.	1500	1500	1500	1500	1500	1500

(Dimensions in mm)

SUCTION LANCES WITH LEVEL SWITCH

- Compact, robust design H.
- Safe
- Easy handling
- 1- or 2- stage level monitoring i.
- Flexible connection possibilities .
- High quality materials
- Maintenance free н.
- 2-stage, normally closed (NC)
- 5m cable (from Foot valve) with cable box M12 3-pole (1) for connection to pump types C204.1, C410.2 and with plug M12 8-pole (2) for connection to pumps with control electronics Pro+.
- Compact design ш.
- Height adjustable i.
- 2-stage level monitoring н.
- Flexible connection possibilities ш.
- Easy handling н.
- High quality materials ÷.
- Maintenance free
- incl. hose screwings 4/6, 6/8, 6/12 ×.
- 2-stage, normally closed (NC)
- 5m cable (from Foot valve) with cable box M12 3-pole (1) for connection to pump types C204.1, C410.2 and with plug M12 8-pole (2) for connection to pumps with control electronics Pro+.



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н.

- Maintenance free High quality materials
- Protection class IP65
- 1- or 2-stage, normally closed (NC) н. cable screwing: M12x1,5



MATERIALS

		SL-02	SL-12.1	SLP151.1	SLP-152.1
Suction lance	PVC-U				
Foot valve	PVDF-FRP				
FOOT VOIVE	PVC-U				
Valve ball	PTFE				
	FPM				
Sealings	EPDM				
	PTFE				
Level switch	PP				
Hose	PE				

TECHNICAL DATA / DIMENSIONS

		SL-02	SL-12.1	SLP-151.1	SLP-152.1
Max. flow rate	l/h	200	141) / 352)	700	700
Max. viscosity of conveyed medium	mPas	100	50	100	100
Min. density of conveyed medium	kg/dm³	1	1	1	1
Max. switching voltage	V / AC/DC	48	50	48	48
Max. switching current	А	0,5	0,5	0,5	0,5
Max. switching capacity	W / VA	10 / 12	10 / 12	10 / 12	10/12
Protection class	(IEC529)	IP65	IP65 ³⁾	IP65	IP65
Min. installation opening	mm	42	24	52	52
Max. pump stroke volume	cm ³	20		100	100

¹⁾ with hose connection 4/6
²⁾ with hose connection 6/12
²⁾ Protection class IP67 from lower edge of screw cover







		SL-02		SL-12.1	SLP-151.1	SLP-152.1
		1-stage	2-stage			
		630	630	600	750	750
L		1000	1000	1000	1000	1000
		1200	1200	1200	1250	1250
S 1	Switching point	50	48	33	55	55
S2	Switching point		72	104	-	113
h	Rest approx.	8	8		15	15

(Dimensions in mm)

ACCESSORIES

		SL-02		
Illustration	Designation	Description	Material	Article-No.
8	Barrel connection adapter for male thread	d40 to S65x5 (DIN 2781)	PP/FPM	90011762
			PP/EPDM	90011763
	Barrel connection adapter (Set of 3 pcs.) for female thread	1x d40 to \$65x5 (DIN 2781)	PP/FPM	90046043
		additional: 1x S65x5 to BCS56x4 (EN12708) 1x S65x5 to G2 (DIN ISO 228-1)	PP/EPDM	90046044
	Barrel connection adapter DIN 51		PP/FPM	90011766
	for male thread		PP/EPDM	90011767
Barrel connection adapter G=2			PP/PVC/FPM	90011772
	for wall duct	Wall thickness S=max. 6 mm	PP/PVC/EPDM	90011773

		SL-12.1	
Illustration	Designation	Description	Article-No.
	Cable with cable box and plug	5 m Cable with cable box M12, for connection to pump types C204.1, C410.2	90031245
	3-pole	Plug M12	90022883
0	Cable with plug and cable box	5 m cable with plug M12 for connection to pump with control electronics Pro+	90042494
	8-pole	Cable box M12	90022879

ACCESSORIES

Illustration	Designation	SLP151.1 / SLP152.1 Description	Material	Article-No.
	Cable with cable box, 3-pole	5 m cable with cable box M12 for conection to pump types C204.1, C410.2		90031245
	Cable with plug, 8-pole	5 m cable wth plug M12 for connection to pump with control electronic	s Pro+	90042494
	Tank screwing BCS 70x6 Di=50	Container screw connection for internal thread. Ventilation via tolerance of the inner diameter of the adapter or via separate ventilation of the container.	PVC-U	90028923
	Tank screwing G2, IBC	For IBC cover with G2 internal thread. Ventilation via adapter. Gas-tight design with "hose set" possible.	PVC-U	90044282
	Tank screwing G2 universal	Bulkhead fitting with flat gasket (made of PVC-U). Ventilation via adapter. Gas-tight design with "hose set" possible.	PVC-U	90044277
	Hose set 3/4, d12, L3000	for gas tight container screwing for connection to On-site evacuation system	PVC-U	90044369
	Quiver	Quiver for storing/holding the suction lance (e.g. when changing containers)	PVC-U	90028919





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