

next level!



elobau 
sustainable solutions

eloLance SL2



Experience the new generation of suction lances

The eloLance is the suction lance generation offering you everything that makes your systems and machines more efficient and reduces your effort. The suction lance combines the functions of fluid extraction and level measurement.

Its low extraction point enables economical, sustainable handling of liquids and reduces the amount left behind in the container.

The high level of reliability and durability in a wide range of liquids, combined with simple, safe operation are strong arguments for users. This makes the eloLance the ideal solution for use in canisters.

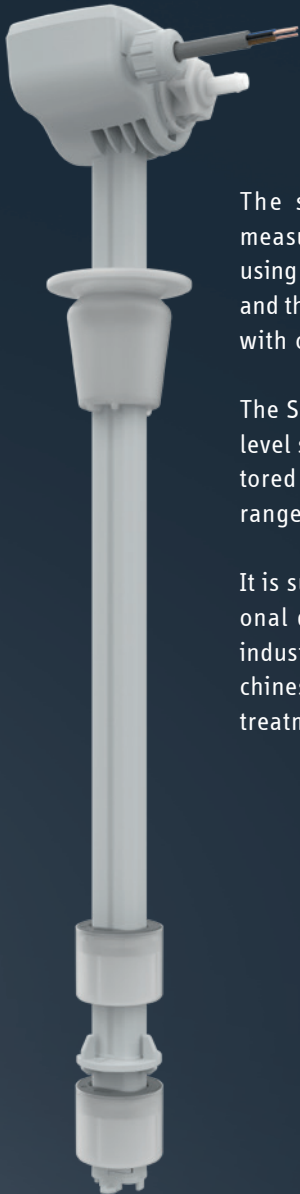
You benefit from a wide range of applications and extensive selection options, without the need for media-specific seals, you reduce the suction lance variations needed. This will lead to decreased logistical costs.

eloLance – the safe solution for greater profitability and satisfied customers.



eloLance

SL2D



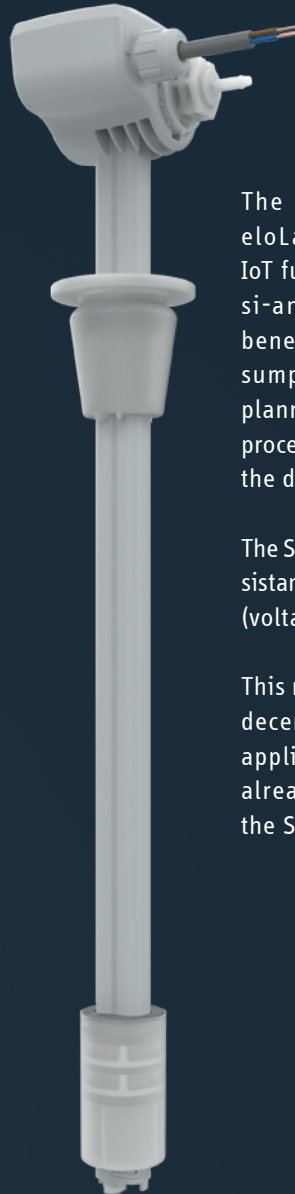
The switching point variant measures the fill level precisely using one or two switching points and thus enables an empty signal with optional pre-empty signal.

The SL2D is therefore the entry-level solution for process-monitored dosing and covers a wide range of applications.

It is suitable for use in professional dishwashers, medical and industrial washers, cleaning machines, dosing technology, water treatment and pool technology.

eloLance

SL2R



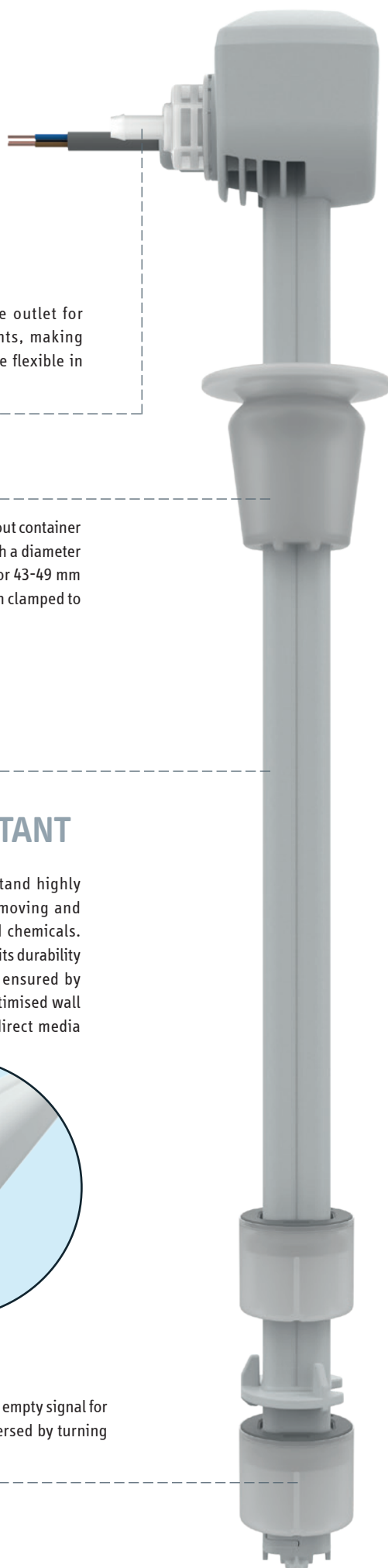
The continuously measuring eloLance enables innovative IoT functions thanks to its quasi-analog signal. These offer benefits such as detailed consumption analyses, predictive planning, automatic reordering processes, plausibility checks and the detection of container sizes.

The SL2R is available in 2-wire (resistance measurement) and 3-wire (voltage measurement) versions

This makes the SL2R suitable for decentralized and autonomous applications in addition to the already known applications of the SL2D.



AI generated

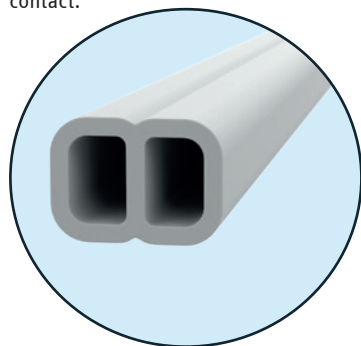


Horizontal hose and cable outlet for reduced space requirements, making integration easier and more flexible in confined spaces.

Can be mounted with or without container lid. Suitable for openings with a diameter of 30-35 mm (small design) or 43-49 mm diameter (large design) when clamped to the canister opening.

MEDIA RESISTANT

Suction lances must withstand highly aggressive media when removing and dosing cleaning agents and chemicals. The eloLance impresses with its durability and leak-tightness. This is ensured by the seal-free design and optimised wall thicknesses in the area of direct media contact.



The switching function of the empty signal for the SL2D variant can be reversed by turning the float.

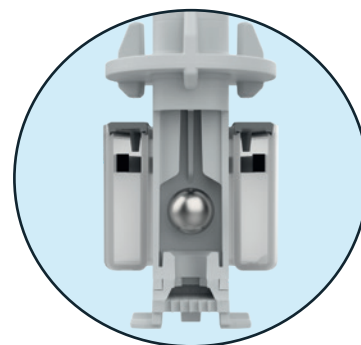
ROBUST

The eloLance is suitable for use in harsh environmental conditions. It has been tested for shock and vibration resistance. It has a thread-out aid, float protection and a filter sieve mounted in a stable position on the side.

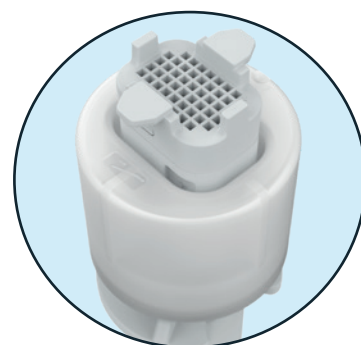
The lower edge of the head to the foot section achieves protection class IPX8, the head section IP65. Consistently high quality is guaranteed thanks to electrical end-of-line testing at the factory and a monitored production process.

CLEAN

The integrated ball-out brake at the end of the pipe minimises leakage of residual quantities when changing containers. A filter sieve at the end of the suction lance prevents contamination by foreign particles. The clamping cone creates a "closed system" that minimises spillage when tipped over.



The integrated ball brake.



The filter sieve protects the eloLance and the connected system (e.g., a dosing pump) from contamination by foreign particles.



ERGONOMIC

The ergonomic head piece is designed for quick, intuitive container changes and easy grip.

COST-EFFECTIVE

The eloLance prevents pumping and dosing application from running dry. Its low extraction and empty switching point ensures greater efficiency and sustainability through reducing residual quantities in the container.

Pre-emptying switching point
SL2D at 72 mm

Empty signal switching point
SL2D at 22 mm
(measured from below)



Empty signal switching point
SL2R at 41 mm
(measured from below)

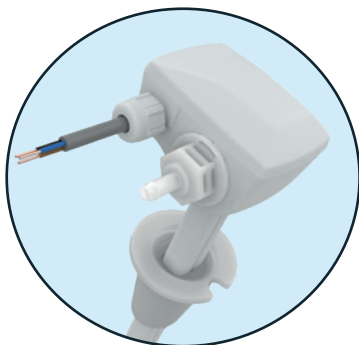


FLEXIBLE

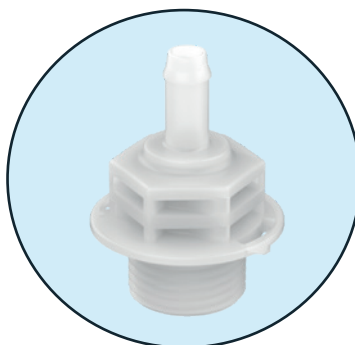
The specially developed clamping cone can either be used to clamp the suction lance to the container or with the container lid assembly. The eloLance can be adapted exactly to the height of the container thanks

to the flexible attachment. This container mounting concept therefore effectively helps to ensure that different canister sizes can be covered with one suction lance length. This reduces the number of variants.

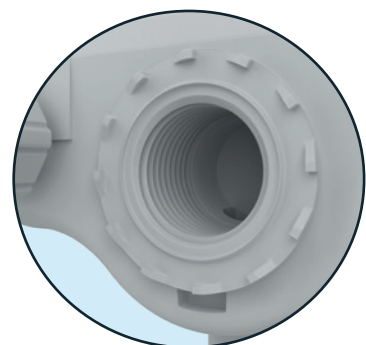
MODULAR



The modular hose connection concept enables easy hose replacement with self-sealing, easily replaceable hose nozzles.



Hose nozzles in sizes for hose ID 4 mm, ID 6 mm and ID 8 mm are pre-assembled or sold separately.



Other nozzles available on the market can also be mounted on the G3/8" thread.

STANDARD ARTICLES

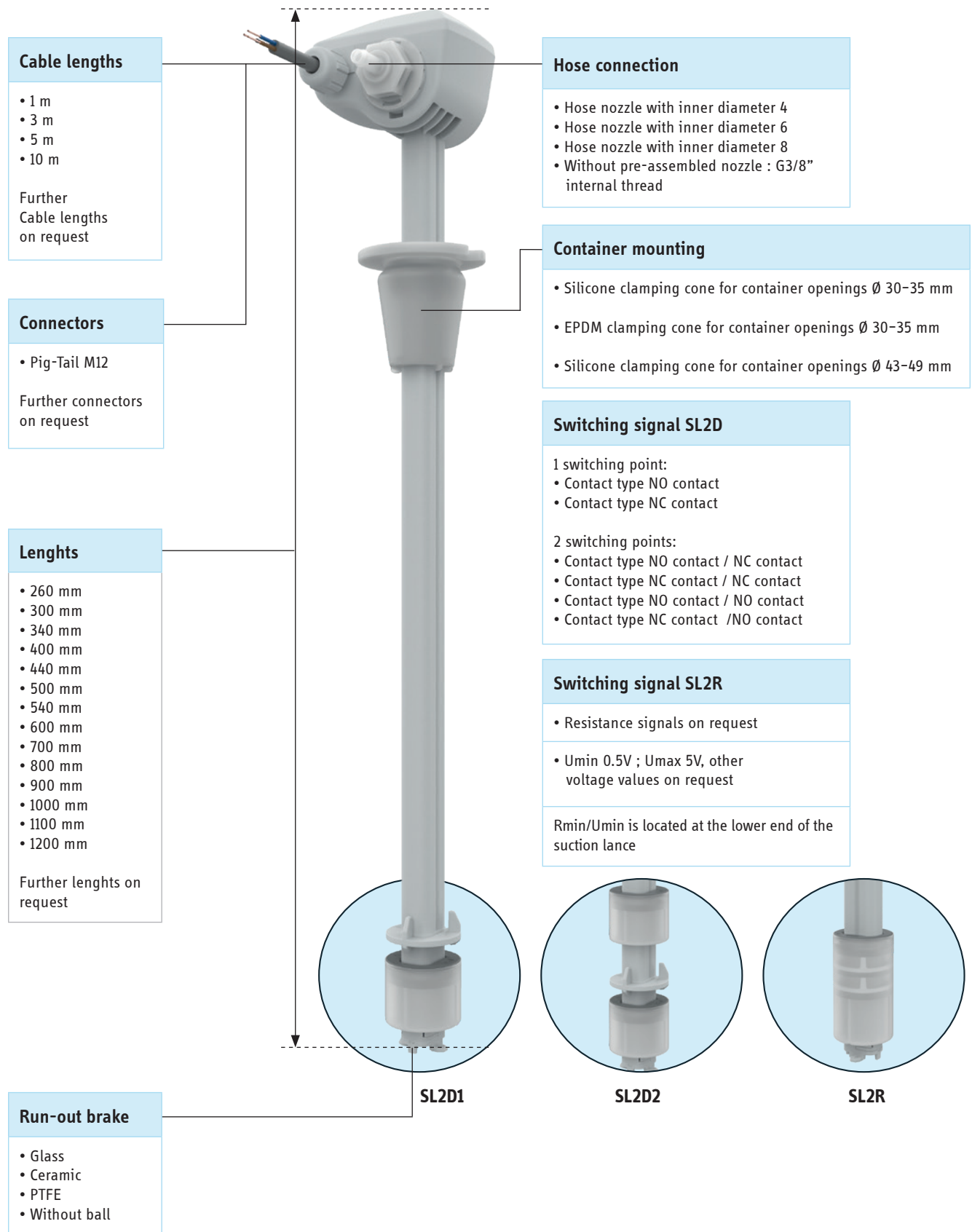
Standard equipment				
PVC housing G3/8" female thread 48 V for SL2D, 5 V for SL2R filter sieve silicone clamping cone 20 mm pitch for SL2R				

Switching signal	Cable length	Length	Order no.	Switching signal	Cable length	Length	Order no.
SL2D1				SL2D2			
1 Switching point Normally closed	3 m	260 mm	SL2D1000002	2 Switching points Normally closed, Normally closed	3 m	260 mm	SL2D2000018
		300 mm	SL2D1000003			300 mm	SL2D2000003
		340 mm	SL2D1000004			340 mm	SL2D2000019
		400 mm	SL2D1000005			400 mm	SL2D2000004
		440 mm	SL2D1000006			440 mm	SL2D2000020
		500 mm	SL2D1000007			500 mm	SL2D2000005
		600 mm	SL2D1000008			600 mm	SL2D2000006
		700 mm	SL2D1000019			700 mm	SL2D2000021
		800 mm	SL2D1000009			800 mm	SL2D2000007
		900 mm	SL2D1000020			900 mm	SL2D2000022
		1000 mm	SL2D1000026			1000 mm	SL2D2000023
		1100 mm	SL2D1000022			1100 mm	SL2D2000024
		1200 mm	SL2D1000023			1200 mm	SL2D2000025
1 Switching point Normally closed	5 m	260 mm	SL2D1000010	2 Switching points Normally closed, Normally closed	5 m	260 mm	SL2D2000015
		300 mm	SL2D1000011			300 mm	SL2D2000008
		340 mm	SL2D1000012			340 mm	SL2D2000014
		400 mm	SL2D1000013			400 mm	SL2D2000009
		440 mm	SL2D1000014			440 mm	SL2D2000013
		500 mm	SL2D1000015			500 mm	SL2D2000010
		600 mm	SL2D1000016			600 mm	SL2D2000011
		700 mm	SL2D1000024			700 mm	SL2D2000026
		800 mm	SL2D1000017			800 mm	SL2D2000012
		900 mm	SL2D1000025			900 mm	SL2D2000027
		1000 mm	SL2D1000026			1000 mm	SL2D2000017
		1100 mm	SL2D1000027			1100 mm	SL2D2000018
		1200 mm	SL2D1000018			1200 mm	SL2D2000016

Switching signal	Cable length	Length	Order no.	Rmin/max - Umin/max
SL2R				
Resistance Ω (2-wire)	3 m	340 mm	SL2R2000003	Rmin: 470 ; Rmax: 6110
		440 mm	SL2R2000005	Rmin: 470 ; Rmax: 8460
		600 mm	SL2R2000008	Rmin: 470 ; Rmax: 12220
		1200 mm	SL2R2000018	Rmin: 470 ; Rmax: 26320
Voltage (3-wire)	3 m	340 mm	SL2R3000003	Umin: 0,5V ; Umax: 5V
		440 mm	SL2R3000005	Umin: 0,5V ; Umax: 5V



CONFIGURATION OPTIONS



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