

next level!

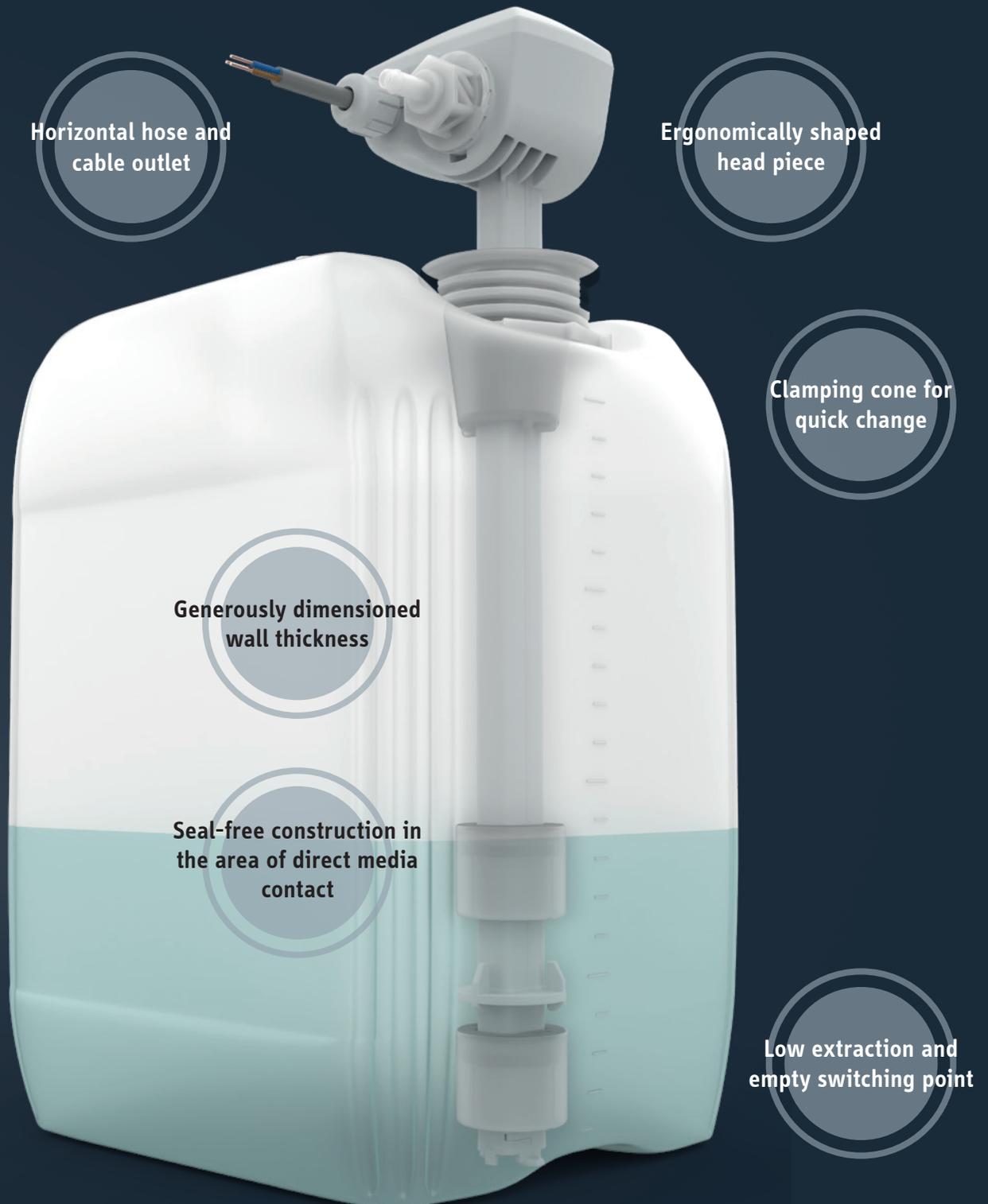


elobau 
sustainable solutions

Get more out!
The new eloLance
with the lowest
extraction point



Dive in – and experience the new suction lance!



eloLance - one suction lance for everything

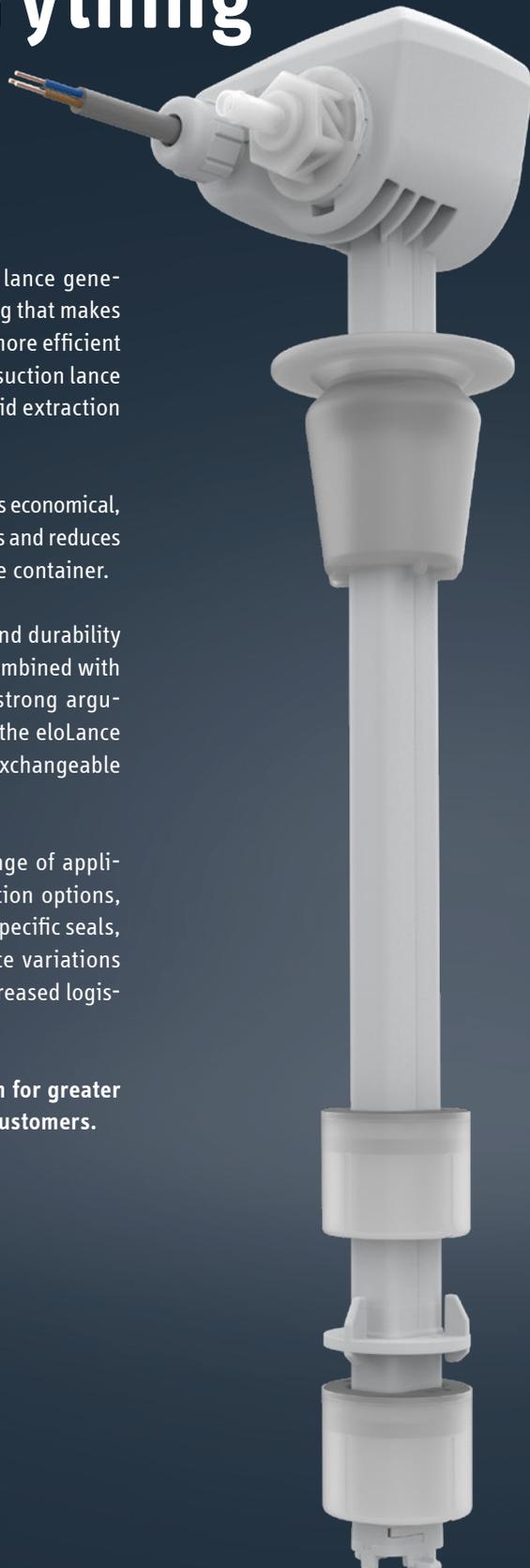
The eloLance is the suction lance generation offering you everything that makes your systems and machines more efficient and reduces your effort. The suction lance combines the functions of fluid extraction and level measurement.

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 exchangeable containers.

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.



In use for perfect fluid extraction

The eloLance covers a wide range of applications and is compatible with the previous elobau suction lances. This means that you can replace your previous suction lance with the new eloLance, with minimal effort.

The new suction lance is used in:

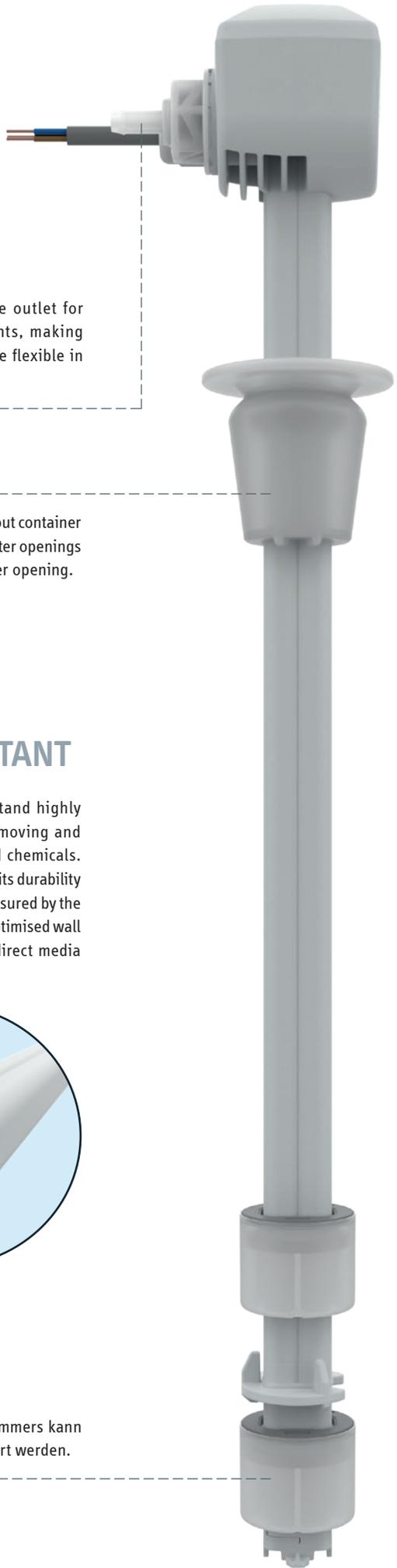
- Professional dishwashers
- Medical/industrial washers
- Car washes
- Cleaning machines
- Dosing technology, water treatment and pool technology



SMART

The horizontal hose and cable outlet facilitates are perfect for use in confined installation situations. This allows the suction lance to be easily and flexibly integrated, especially in housings or under-counter applications.



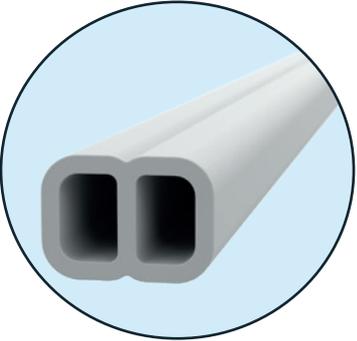


Horizontal hose and cable outlet for reduced space requirements, making integration easier and more flexible in confined spaces.

Can be attached with or without container lid. Accepts 30–35 mm diameter openings 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 construction and optimised wall thicknesses in the area of direct media contact.



Durch Umdrehen des Schwimmers kann die Schaltfunktion umgekehrt werden.

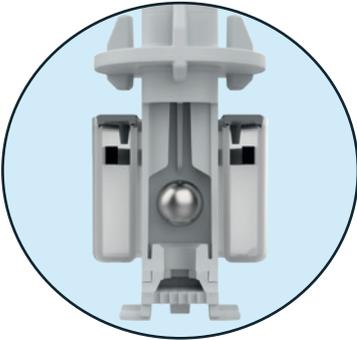
ROBUST

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 up to the base achieves protection class IPX8, the head piece IP65. The factory-fitted electrical end-of-line test and the traceability of relevant welding parameters ensure consistently high quality.

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.

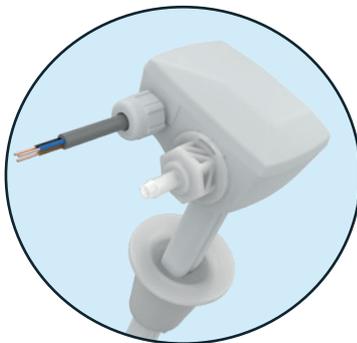
Pre-empty switching point at 72 mm (measured from below)

Empty swi point at 22 mm (measured from below)



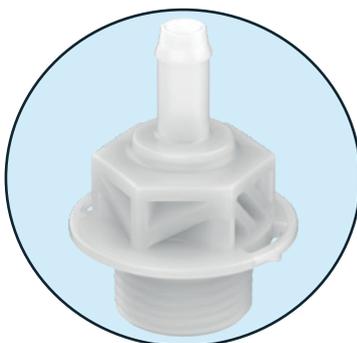
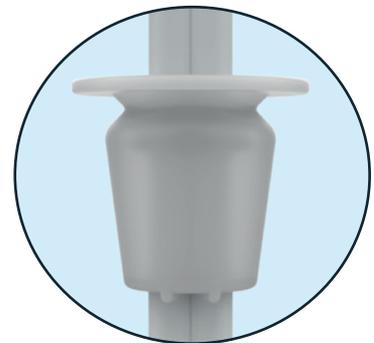
MODULAR

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

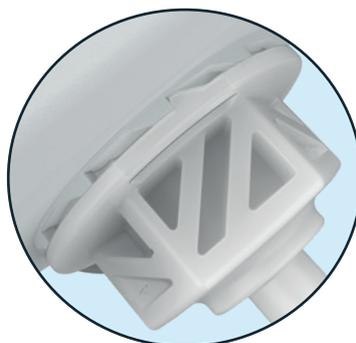


FLEXIBLE

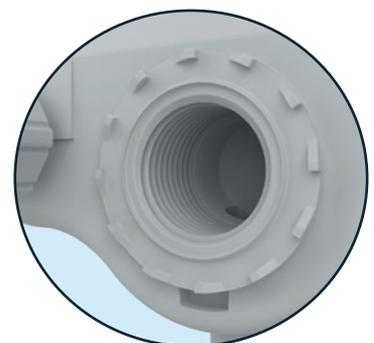
The specially developed fastening cone can either be used to clamp the suction lance to the container or to the container lid. Thanks to its flexible clamping cone, the eloLance can be precisely adapted to the height of the container. This container attachment concept thus effectively contributes to reducing the suction lance variants to be kept in stock.



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



The hose sockets are secured by locking lugs against unscrewing.



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

FEATURES AND CONFIGURATION OPTIONS

Standard features

PVC housing | G3/8" female thread | 48 V | filter screen | silicone clamping cone

STANDARD ARTICLES

Suction lance with 1 switching point for empty signal with contact form NC contact (level falling), PE hose nozzle for hose ID6 pre-assembled, run-out brake with glass ball



3 m cable variants		5 m cable variants	
Length	Order no.	Length	Order no.
260 mm	SL2D1000002	260 mm	SL2D1000010
300 mm	SL2D1000003	300 mm	SL2D1000011
340 mm	SL2D1000004	340 mm	SL2D1000012
400 mm	SL2D1000005	400 mm	SL2D1000013
440 mm	SL2D1000006	440 mm	SL2D1000014
500 mm	SL2D1000007	500 mm	SL2D1000015
600 mm	SL2D1000008	600 mm	SL2D1000016
700 mm	SL2D1000019	700 mm	SL2D1000024
800 mm	SL2D1000009	800 mm	SL2D1000017
900 mm	SL2D1000020	900 mm	SL2D1000025
1000 mm	SL2D1000021	1000 mm	SL2D1000026
1100 mm	SL2D1000022	1100 mm	SL2D1000027
1200 mm	SL2D1000023	1200 mm	SL2D1000018

Suction lance with 2 switching points for pre/empty message with contact form N/C contact, N/C contact (level falling), PE hose nozzle for hose ID6 pre-assembled, run-out brake with glass ball



3 m cable variants		5 m cable variants	
Length	Order no.	Length	Order no.
260 mm	SL2D2000018	260 mm	SL2D2000015
300 mm	SL2D2000003	300 mm	SL2D2000008
340 mm	SL2D2000019	340 mm	SL2D2000014
400 mm	SL2D2000004	400 mm	SL2D2000009
440 mm	SL2D2000020	440 mm	SL2D2000013
500 mm	SL2D2000005	500 mm	SL2D2000010
600 mm	SL2D2000006	600 mm	SL2D2000011
700 mm	SL2D2000021	700 mm	SL2D2000026
800 mm	SL2D2000007	800 mm	SL2D2000012
900 mm	SL2D2000022	900 mm	SL2D2000027
1000 mm	SL2D2000023	1000 mm	SL2D2000017
1100 mm	SL2D2000024	1100 mm	SL2D2000028
1200 mm	SL2D2000025	1200 mm	SL2D2000016

OPTIONAL

If there is no suitable standard item for your application, it is possible to create a configured variant.

Switching function

1 Switching point: NC contact (level falling)
| NO contact (level falling)

2 Switching points: NC contact, NC contact (level falling)
| NO contact, NO contact (level falling)

Cable length

1 m | 3 m | 5 m | 10 m

Length

260 | 300 | 340 | 400 | 440 | 500 | 540 | 600 | 640
| 700 | 740 | 800 | 840 | 900 | 940 | 1000 | 1100
| 1200 | Other lengths on request

Hose connection

Pre-assembled hose nozzle: For internal hose diameter
ID 4 mm | For internal hose diameter ID 6 mm
| For hose inner diameter ID 8 mm

Thread: G3/8" internal thread

Leakage brake

Glass | Ceramic | Without ball

Our sales department will be happy to support you with further selection options on request.



The company

As an expanding, globally active foundation-owned company with over 1100 employees, we develop and manufacture sensors and operating systems for industrial applications and mobile machinery. Our technical products truly stand out thanks to high vertical integration. They are also made in Germany in a carbon-neutral manner. Thanks to our innovative, contactless sensor technology products, we support our customers around the world in building machines and vehicles that set the standards when it comes to performance, operating comfort, safety and quality.

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GmbH & Co. KG
Zeppelinstr. 44
88299 Leutkirch
Germany

☎ + 49 (0) 7561 970-0
☎ + 49 (0) 7561 970-100
www.elobau.com
info@elobau.de