


elobau 
sustainable solutions



deeper!

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



eloLance - one suction lance for everything

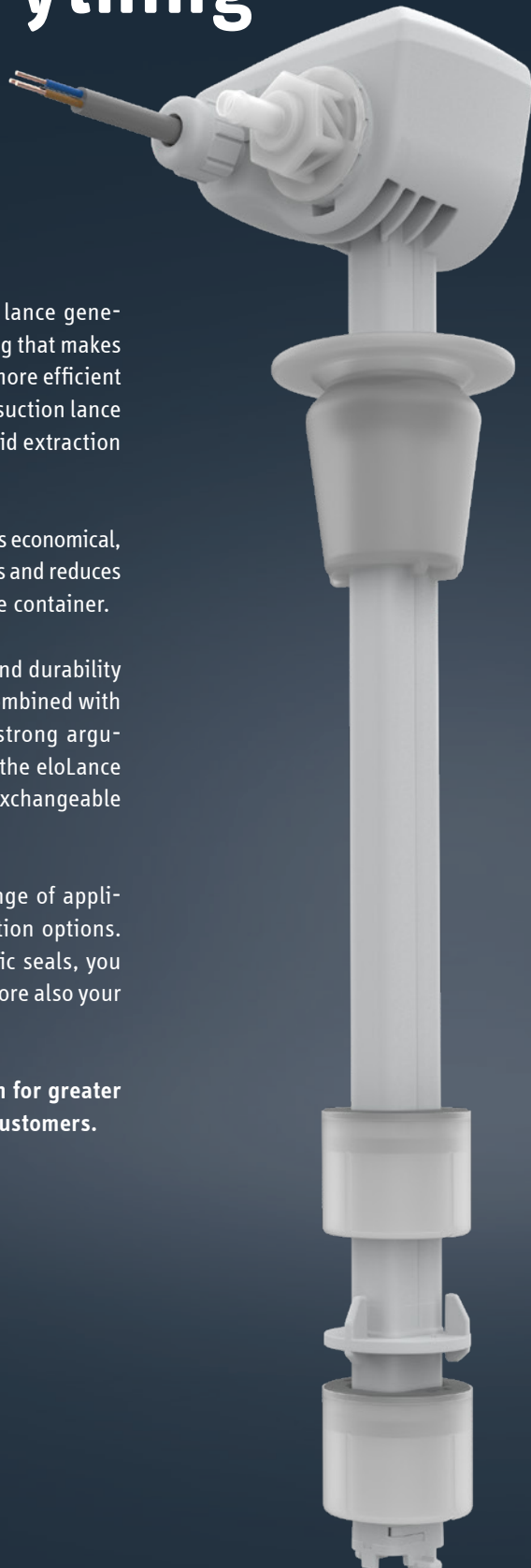
The eloLance is the suction lance generation offering you everything that makes your systems and machines more efficient and reduces your effort. The suction lance combines the functions of fluid extraction and level measurement.

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

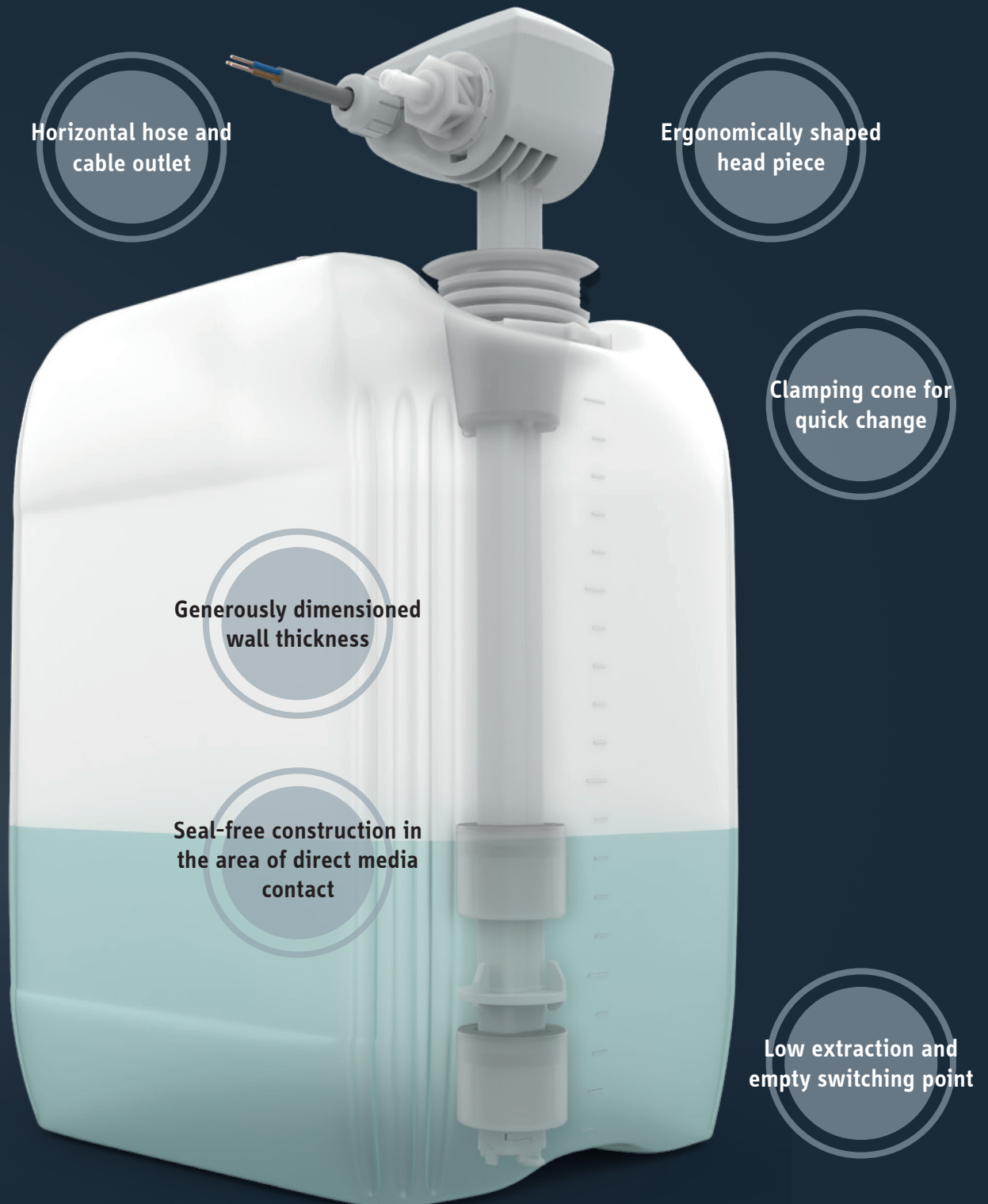
The high level of reliability and durability in a wide range of liquids, combined with simple, safe operation are strong arguments for users. This makes the eloLance the ideal solution for use in exchangeable containers.

You benefit from a wide range of applications and extensive selection options. With waiver of media-specific seals, you reduce the variety and therefore also your effort and logistics costs.

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



Dive in – and experience the new suction lance!



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.

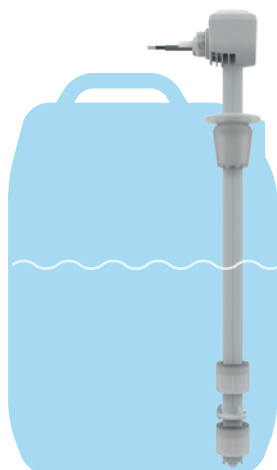
The new suction lance is used in:

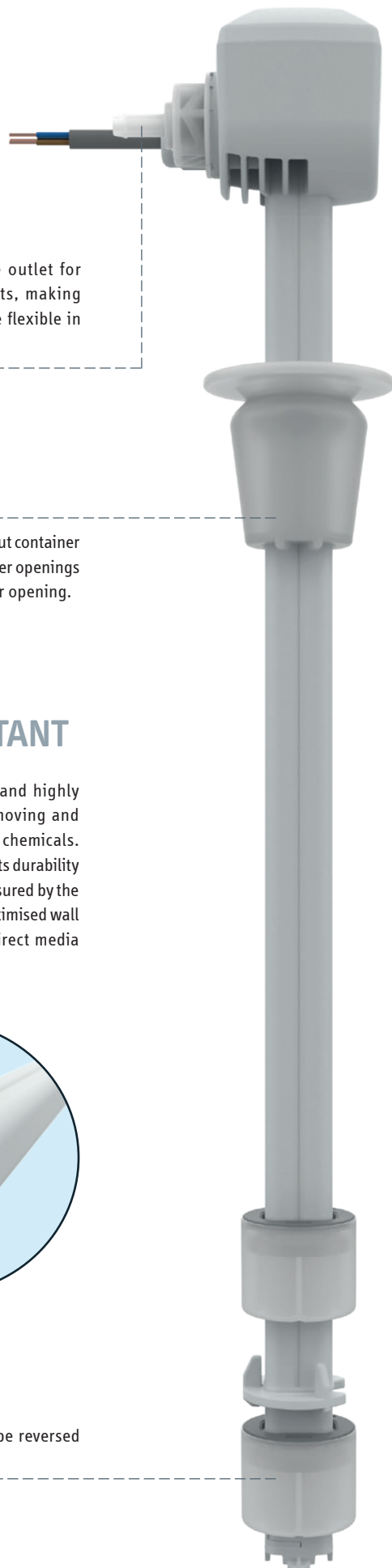
- Professional dishwashers
- Medical/industrial washers
- Car washes
- Cleaning machines
- Dosing technology, water treatment and pool technology



SMART

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



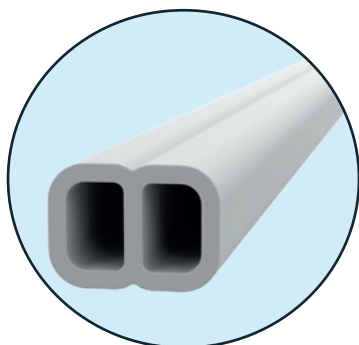


Horizontal hose and cable outlet for reduced space requirements, making integration easier and more flexible in confined spaces.

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.



The switching function can be reversed by turning the float.

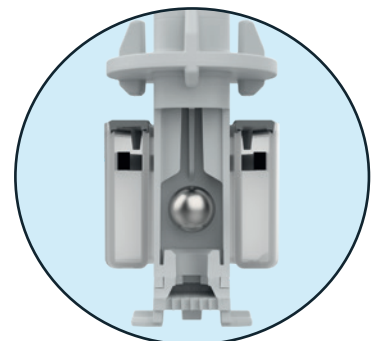
ROBUST

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 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.

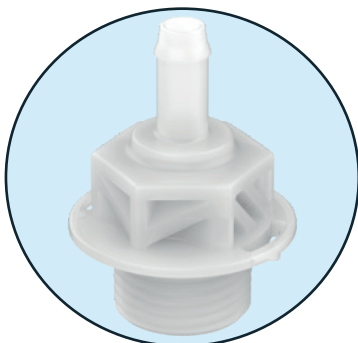
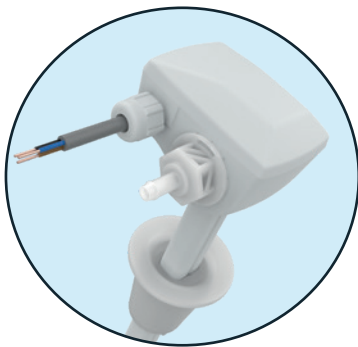
ERGONOMIC

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



MODULAR

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



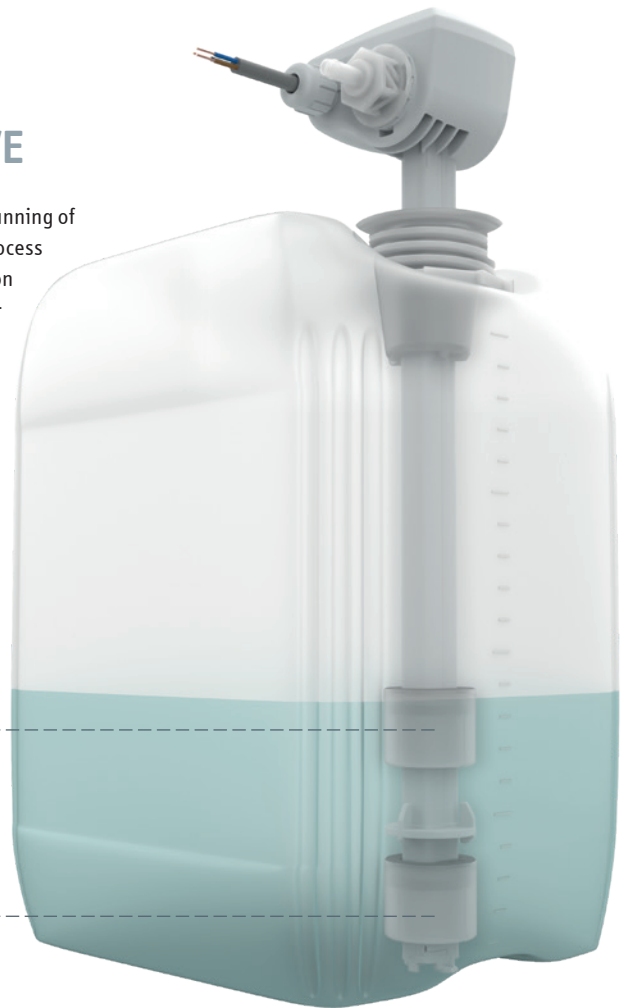
Hose barbs in sizes for hose ID 4 mm, ID 6 mm and ID 8 mm are pre-assembled or sold separately.

COST-EFFECTIVE

The elolance prevents the dry running of dosing pumps or the dosing process without liquid. Its low extraction and empty switching point ensures greater efficiency and sustainability through reduced residual quantities in the container.

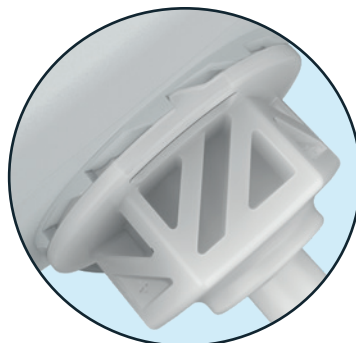
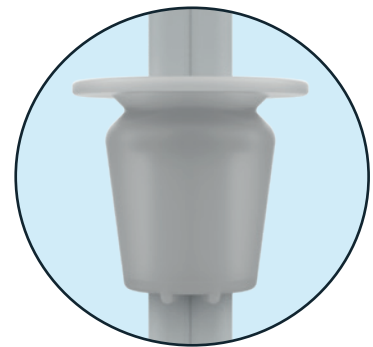
Pre-empty switching point at 72 mm (measured from below)

Empty switching point at 22 mm (measured from below)

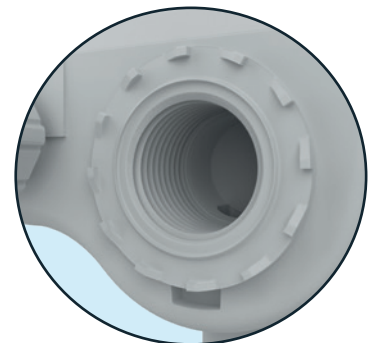


FLEXIBLE

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.



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.

Facilities and Configuration options

Standard facilities

PVC housing (tube, head bottom) | PE float | 48 V | Filter screen | Silicone clamping cone

Lenghts

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

Switching point function

1 switching point: Open contact (falling level) | Closed contact (falling level)

2 switching points: Open contact, open contact (falling level) | Closed contact, closed contact (falling level)

Cable lenght

1 m | 3 m | 5 m | 10 m

Hose connection

Hose connection: For hose inner diameter ID 4 mm | For hose inner diameter ID 6 mm |
For hose inner diameter ID 8 mm

Thread: Thread G3/8" internal thread

Leakage brake

Glass | Ceramic | Without ball

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.


Your expert partner. Across the globe.

Select your direct contact person

www.elobau.com ▶ Contact



We manufacture in a carbon-neutral manner.

elobau 
sustainable solutions

GmbH & Co. KG
Zeppelinstr. 44
88299 Leutkirch
Germany

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