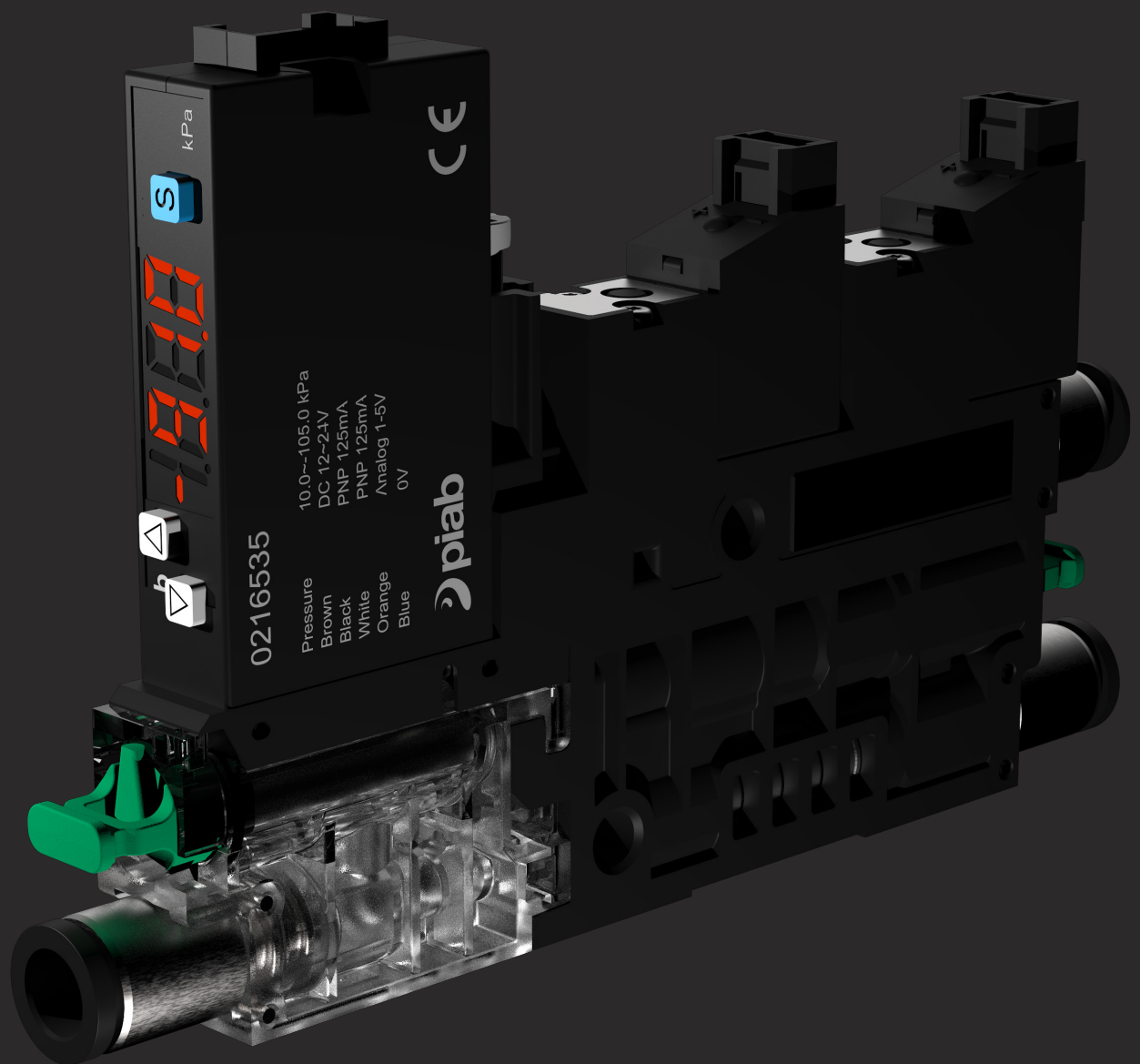
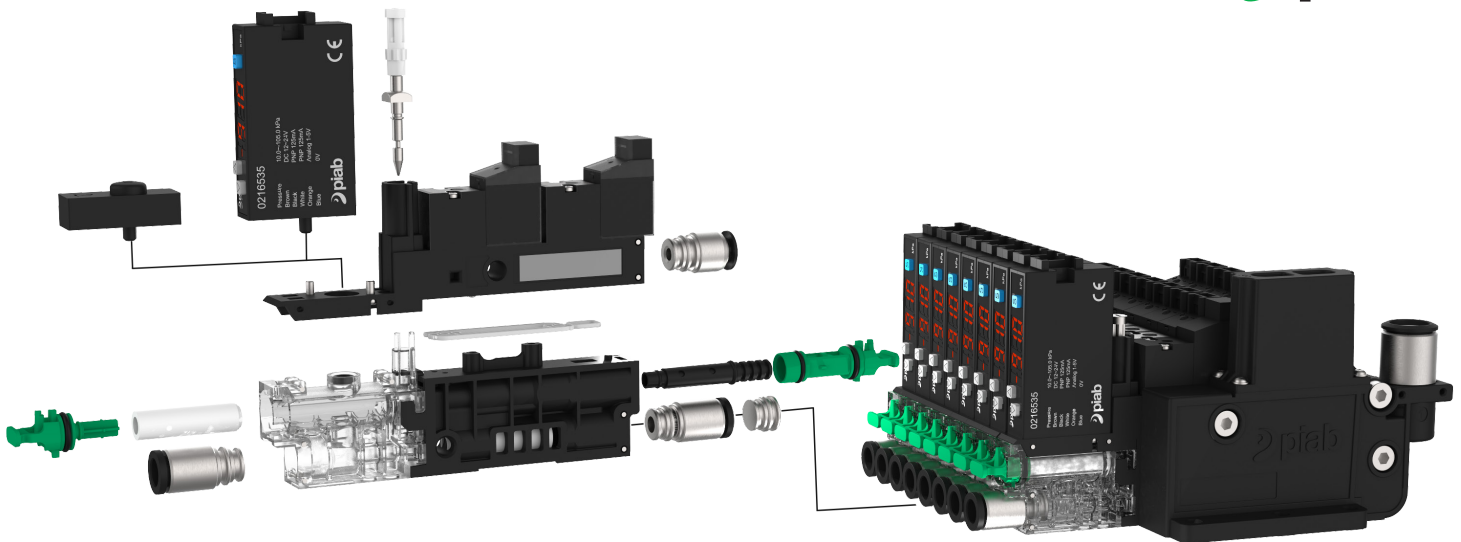


COMPACT10E

# Modular and high performing vacuum ejector





## Overview

COMPACT10E - a new vacuum ejector/pump family where Piab's new recognized and reliable technologies remain high-performing and energy efficient yet are easy to maintain, modular, and cost competitive.



Single unit  
width 10mm



Single unit\*  
weight < 85 g



Max Vacuum  
91 -kPa\*\*



Low noise  
level



Push-in  
connectors

\*) Vacuum Sensor excluded.

\*\*) Xi2.5 COAX® ejector nozzle

Thanks to the compact size and light weight, the COMPACT10E can easily be installed near Piab's suction cups without interfering with motion of the robot. This improves the vacuum performance and the ability to run the machine even faster than before. The COMPACT10E is made to be modular and robust, which minimizes the need for service parts such as vacuum filters and ejector nozzles and instead maximizes machine uptime.

- **Manifolds** with up to 8 units, common feed pressure port for easy and compact installation.
- **Integrated** vacuum switch, direct operating high speed valves, vacuum filters and ejector nozzles.
- **Selection of different** multi-stage ejector characteristics to optimize for the application needs (flow/speed, vacuum level and air feed-pressure).
- **Design perfectly** suitable for clean room applications where also exhaust from valves are collected.
- **Adjustable release flow** to further help improve cycle times.
- **Easy trouble shooting.** A Single unit is fast removed from the manifold. All service points easy accessible.

## Features

- Vacuum ejector/nozzle**  
Configurable with two alternative COAX® Micro characteristics.  
Xi – Extra vacuum level (X)  
Ti – Extra high vacuum flow (T)
- Valves**  
Vacuum and Blow-Off valves.
- Blow-Off needle valve**  
Easy setting of the Blow-Off flow.
- Manifold**  
Stacked 2 – 8 units with central compressed air feed configurable with central silencer or central exhaust (12mm stem).
- Silencer**  
Integrated and compact silencer for single units or a central exhaust for clean room requirements. Manifold mounted units come with a central and efficient silencer or an exhaust stem to pipe away the air.
- Vacuum sensing**  
Select an integrated user friendly vacuum switch with display, or just a unit with a sensing port for vacuum.
- Vacuum filter**  
Cleanable and replaceable vacuum filter.
- Push-in Connectors**  
Configurable with push-in connectors 4 mm or 6 mm (not on exhaust).
- Contact**  
[www.piab.com](http://www.piab.com)