



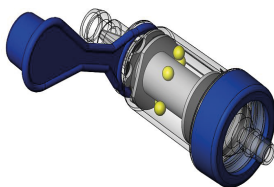
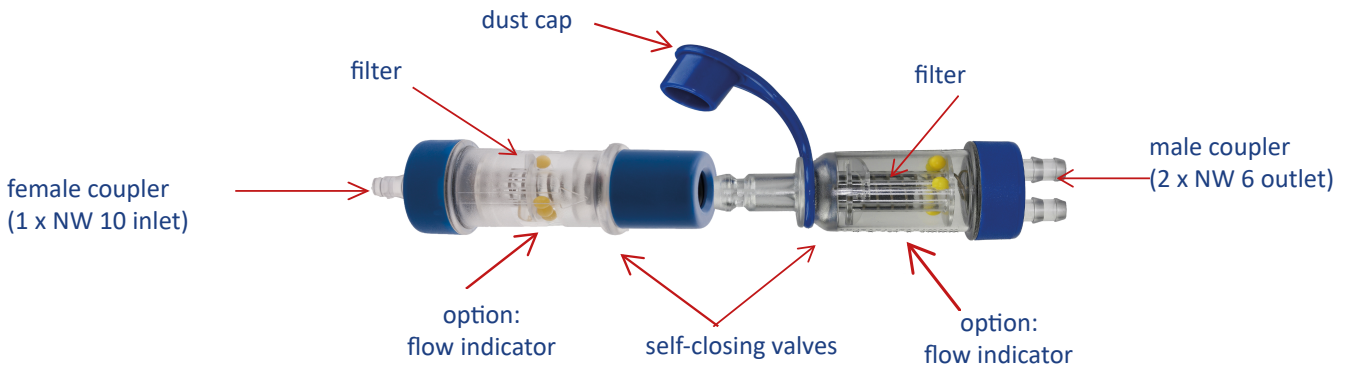
PI 09/2020

Vario Complete Coupler



application area: for water refilling of wet batteries and other flow indications

material: housing polycarbonate transparent, screw nut PP, dust cap TPU lead-acid resistant
pressure: up to 3 bar
flowrate: max. 20 l / min
temperature range: -20° bis + 70° Celsius / -4 °F up to + 158 °F
size female coupler: diameter 31 mm x 91 mm (NW 10) / 1,22047 inch x 3,58268 inch
size male coupler: diameter 31 mm x 94 mm (NW 10) / 1,22047 inch x 3,70079 inch
filter size: 0,15 mm / 0,005905512 inch

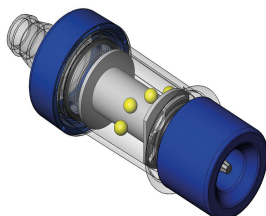


male coupler

Vario Complete Coupler male can be...

- one coupler
- one valve
- one filter
- one flow indicator
- one Y-splitter (optional)

outlet hose diameter	item no.
6 mm (0,23622 inch) = NW6	45MC601106
8 mm (0,314961 inch) = NW8	45MC601108
10 mm (0,393701 inch) = NW10	45MC601110
2x6 mm (2 x 0,23622 inch) = NW10	45MC60116TH
M16 thread + NW10	45MC60116TH



female coupler

Vario Complete Coupler female can be...

- one coupler
- one valve
- one filter
- one Y-splitter (optional)

outlet hose diameter	item no.
6 mm (0,23622 inch) = NW6	45FC602106
8 mm (0,314961 inch) = NW8	45FC602108
10 mm (0,393701 inch) = NW10	45FC602110

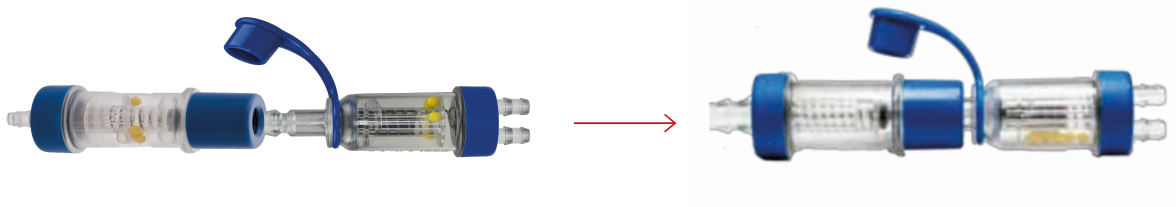
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Easy to connect: „plug“ – „pull“



compatible with well-known european coupling manufacturers

The **Vario Complete Coupler** integrates the functions of three commercially available components such as coupling, filter and flow indicator **in one unit**. This reduces the variety of parts, the susceptibility to failure and the assembly effort = cost reduction.

IMPORTANT!

In case of contamination or blockage, the coupling can be flushed, opened and cleaned. If after the filling process the uncoupling is forgotten, the coupling clicks apart under tension without tearing the water pipe from the station / vehicle.

Advantages of Vario Complete Coupler:

→ Easy handling

- no searching and pressing buttons or complicated ring closure
- functions like filter, flow indicator and coupling in one component
- spring element holds the two clutches up to a pressure of 3 bar together

→ Durability

- filters can be back-flushed
- acid resistant materials
- malfunction susceptibility of the filling system is minimized

→ Economical & effective

- minimum effort due to simple „plug“ and „pull“ mounting
- less hose transitions
- time & cost savings due to the reduction of complexity

→ Visibility of the filling process

- the flow indicator is visible 360° all around
- clearly visible balls in the filter indicate that Water flows into the cells. Rotation stops when there is enough water available. This closes the filling system and the couplings can be separated

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