

## EPC700 Hose

Prior to installation and assembly, make sure you have read and understood the “Supplemental Directives” and “Safety” chapters in the User Manual for the corresponding basic unit (EPC710, EPC720, or EPC730).

### Intended Use

The EPC700 Hose (the “media hose” or “product”) consists of a number of hoses enclosed in a sheath. The individual hoses are used to convey compressed air and water from the valves to the fitting.

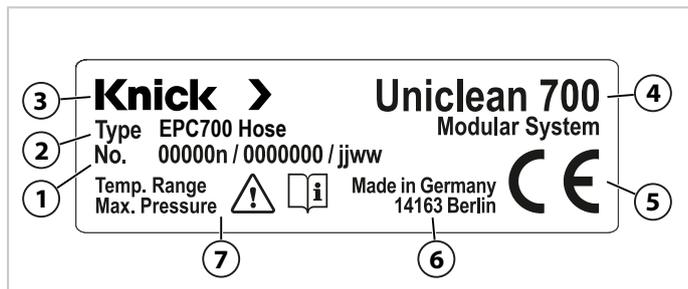
Use of the product is only permitted in compliance with the operating conditions stated in the Specifications.

### Package Contents

- EPC700 Hose
- Installation Guide

### Nameplate

The product is identified by a nameplate.



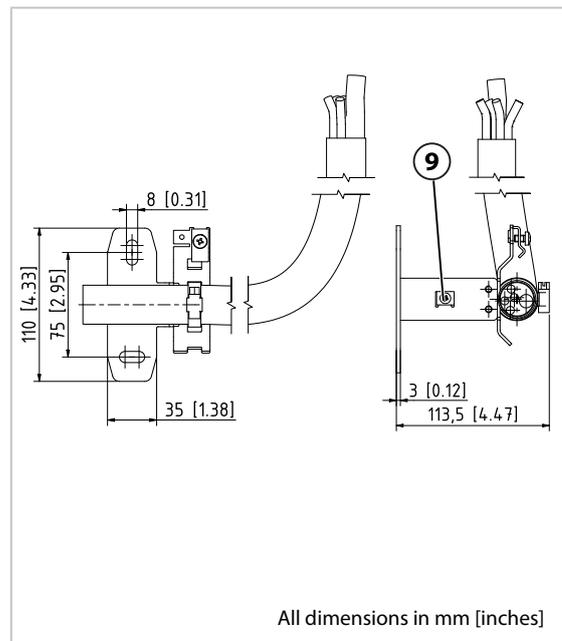
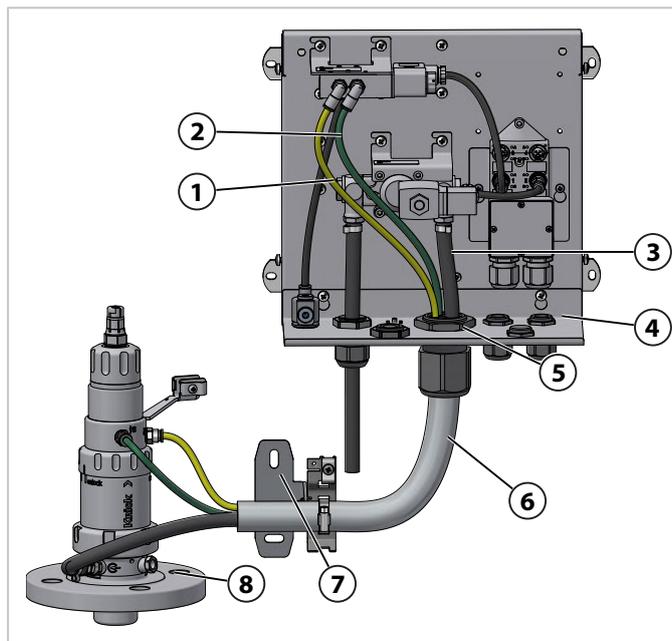
- 1 Item number, serial number, year/month
- 2 Model designation
- 3 Manufacturer
- 4 Product family
- 5 CE mark
- 6 Manufacturer address
- 7 For temperature range and max. operating pressure, see Specifications

### Installation

**CAUTION!** Risk of injury due to uncontrolled movement of the compressed air hoses. Disconnect the compressed air supply before installing/removing the compressed air hoses.

**Note:** Depending on the valve configuration, the media hose may contain unused hoses. These can either remain in the hose or be removed.

**Note:** The figure shows an example version of the EPC700 Hose with a SensoGate WA131.



01. Unscrew the nut A/F 50 (5) from the media hose (6) and fit the media hose to the connection bracket (4).
02. Screw the nut A/F 50 (5) back onto the media hose (3) from the inside.

03. Push the yellow compressed air hose Ø 6 mm **(1)** on the EPC700 Air 5/2-Way Valve fully into push-in connection 4 (PROCESS position) (see EPC700 Air 5/2-Way Valve Installation Guide). Shorten the hose length if necessary.
04. Push the green compressed air hose Ø 6 mm **(2)** on the EPC700 Air 5/2-Way Valve fully into push-in connection 2 (SERVICE position) (see EPC700 Air 5/2-Way Valve Installation Guide). Shorten the hose length if necessary.
05. Push the black water hose Ø 13 mm **(3)** on the EPC700 Air 2/2-Way Valve fully onto the connection nozzle and fasten with a pipe clamp (see EPC700 Water 2/2-Way Valve Installation Guide).

If using the EPC700 Air 2/2-Way Valve or EPC700 Air 3/2-Way Valve:

06. Push the transparent compressed air hose Ø 6 mm on the EPC700 Air 2/2-Way Valve fully into push-in connection 2 (see EPC700 Air 2/2-Way Valve Installation Guide). Shorten the hose length if necessary.
07. Push the blue compressed air hose Ø 6 mm on the EPC700 Air 3/2-Way Valve fully into push-in connection 2 (see EPC700 Air 3/2-Way Valve Installation Guide). Shorten the hose length if necessary.
08. Install the holder **(7)** on a wall near the fitting.
09. Fit the compressed air hoses and the water hose to the fitting **(8)** (see fitting User Manual). Shorten the hose lengths if necessary.
10. Connect the grounding connection **(9)** to the system's equipotential bonding.

## Specifications

### Sheath

Material	PVC
Outer diameter	Approx. 34 mm
Inner diameter, nominal size	25 mm, DN 25
Length	As in product code (see basic unit User Manual)

### Compressed Air Hose

Material	PA 12
Outer diameter	6 mm
Inner diameter, nominal size	4 mm, DN 4
Operating pressure	Max. 10 bar (145 psi)
Connection	Open at both ends for push-in fitting

### Water Hose

Material	EPDM
Outer diameter	13 mm
Inner diameter, nominal size	6 mm, DN 6
Operating pressure	Max. 16 bar (232 psi)
Connection	Open at both ends for hose nipple

### Mounting

Wall holder material	Stainless steel A2
Wall holder dimensions	Approx. 35 × 114 × 110 mm (1.38 × 4.49 × 4.33 inches)
On device	Coupling

### Ambient Conditions

Transport/storage temperature	-20 ... 70 °C (-4 ... 158 °F)
Ambient temperature	5 ... 70 °C (41 ... 158 °F)
Relative humidity	5 ... 95 %, not condensing

