

# External electrical condensate drain PWEA

**FESTO**



Fully automatic draining of condensate from the bowls of filters and filter regulating valves or from pneumatic systems – via the new external condensate drain. Efficient detection, fully automatic design, reliable operation.

Can be ordered with MS6, MS9 und MS12 service units or as separate component.

## **Maximum operational reliability**

Reliable in use: A wear-free capacitive sensor detects all condensate – even pure oil. Thanks to its large cross-section, condensate is removed even in the case of coarse contamination. The intelligent system provides permanent monitoring and immediately signals any malfunction to a PLC or handheld device.

## **Minimal energy costs thanks to intelligent draining regulation.**

No unnecessary loss of compressed air during evacuation since the system is sealed promptly via the intelligent PWEA control system.

## **Easy to install and maintain**

Once installed, safe maintenance is ensured by means of simple isolation from the system.



No matter whether heavy contamination ...

...or pure oil:

always reliable and economical.

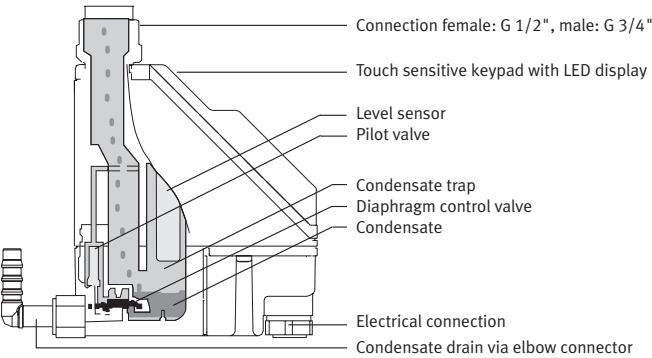
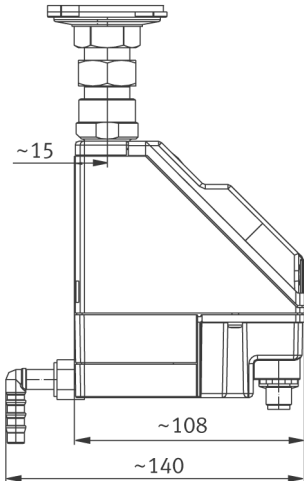
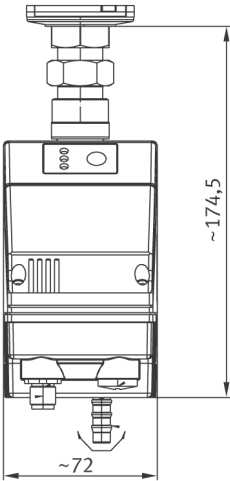
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Product Short Information

# External electrical condensate drain PWEA

## Technical data

Type	PWEA
Materials	Condensate container: Aluminium Housing: Polymer; Seals: NBR
Pressure range [bar]	0.8 - 16
Temperature resistance [°C]	1 ... 60
Connection to condensate drain	G1/4
Tubing nipple Ø	8 mm
Elbow connector	
Protection class	IP65



## Functional description:

Condensate reaches the attached condensate drain valve via the coupling hole in the base of the filter bowl, where it is collected in a container. A capacitive sensor detects if the maximum filling level is reached; the condensate escapes to atmosphere through the drain line via the opening diaphragm control valve. After a preset switching time, the diaphragm control valve closes again. A residual amount of condensate remains in the container to prevent any compressed air from escaping into the drain line.



Type*	Description	Code in MS modular system
PWEA-AP-3D	Condensate drain/24 VDC/M12 plug	:E1
PWEA-AC-6A	Condensate drain/110 VAC/Clamped conn.	:E2
PWEA-AC-7A	Condensate drain/230 VAC/Clamped conn.	:E3
PWEA-AC-3D	Condensate drain/24 VDC/Clamped conn.	:E4

\*Available as individual component or as MS modular system component for size MS6

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