

KAPTIV-CS-HP-S

Zero air loss drain up to 50 bar in stainless steel

PRODUCT FEATURES

The KAPTIV-CS-HP-S is a stainless steel electronically operated level sensed condensate drain which offers zero air-loss during the condensate discharge cycle for applications up to 50 bar.

The KAPTIV-CS-HP-S can be installed in all compressed air system components up to 100 m³/min regardless size and climate zone – Only 1 model needed!

The robust industrial housing, the alarm feature and the 2/2 way direct acting valve assembly make the KAPTIV-CS-HP-S a reliable solution for all compressed air system applications.

The KAPTIV-CS-HP-S offers an integrated mesh strainer (to prevent large particles from entering the valve orifice), is easy to disassemble and is service friendly.



COMMERCIAL BENEFITS

- Stainless steel zero air-loss draining solution
- Capacitive level sensing technology saves air, energy and money
- 1 Model covers up to 100 m³/min. compressor capacity
- No sizing charts required
- Operating pressure up to 50 bar

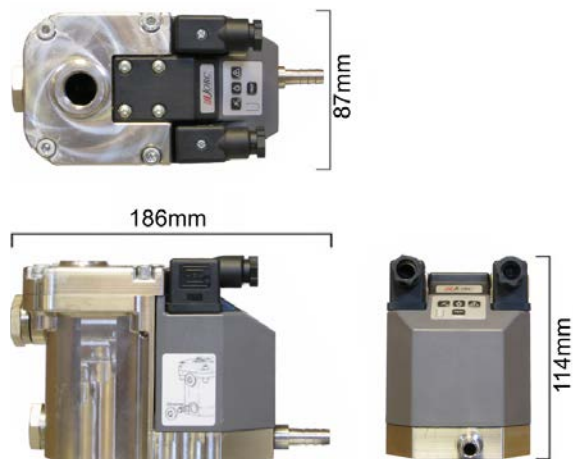
TECHNICAL ADVANTAGES

- Alarm function (N/O or N/C) as a standard
- Easy installation
- Visual display of operating status
- Integrated strainer
- Direct acting valve assembly, ensuring reliable discharge operation
- Robust stainless steel housing

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DIMENSIONS



Multiple (3)
inlet options



Integrated mesh
strainer to protect
the valve

TECHNICAL SPECIFICATIONS

Max. compressor capacity	100 m ³ /min.
Pressure range	0 - 50 bar
Valve type	2/2 way, direct acting
Valve orifice	1.8 mm
Valve seals	FPM
Inlet connections	1/2" BSP or NPT, 3 inlet options
Inlet height	11 cm (top) and 7.5 & 1.5 cm (side)
Outlet connection	1/4" BSP
Medium temperature	1 - 50 °C
Ambient temperature	1 - 50 °C
Supply voltage options	230VAC / 115VAC / 24VAC / 24VDC
Power and alarm connectors	DIN 43650-B
Serviceable valve	Yes
TEST feature	Yes
Environmental protection	IP65 (NEMA4)
Integrated mesh strainer	Yes
Alarm feature type	Contact output switch (voltage free) available in two versions: A1 and A2*
Housing material	Stainless steel

*A1 = Normally open contacts, closed when in alarm phase. LED on the drain is OFF when in operation and ON when in alarm mode.

A2 = Normally closed contacts, open when in alarm phase. LED on the drain is ON when in operation and OFF when in alarm mode.

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