

Electronic, level controlled steam traps

PN 16

- ✓ **Advantages:**
- No compressed air loss while draining
 - Very large condensate outlet, as a result resistant to accumulation of dirt in the condensate
 - Fewer wear parts (controlled by pistons)
 - Horizontal or vertical condensate inlet
 - Error messages can be retrieved via a potential-free contact (5-24 V DC, max. 200 mA)

Temperature range: +1°C to max. +65°C

Pressure range: 1 - 16 bar

Power supply: 230V AC

Protection class: IP 54

Type	Max. separation capacity [l/h]	Max. compressor supply amount* [m³/min]	Max. dryer performance [m³/min]	Condensate inlet (FT)	Depth	Width	Height
UAD 04	12	7.4	14.9	1 x G 1/2"	133	76	147
UAD 05	15	9.3	18.6	2 x G 1/2"	120	82	125
UAD 15	40	23.5	47.0	2 x G 1/2"	120	82	125
UAD 30	90	48.5	97.0	2 x G 1/2"	120	82	135
UAD 60	150	89.3	178.0	2 x G 1/2"	120	82	150

* based on compressed air 6 bar absolute and +20°C



type UAD 04



type UAD 05 - UAD 60

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- ✓ **Advantages:**
- No compressed air loss while draining
 - Very large condensate outlet, as a result resistant to accumulation of dirt in the condensate
 - Error messages can be retrieved via a potential-free contact (5V DC - 230V AC, 10-1000 mA)
 - THE standard for condensate technique

Temperature range: +1°C to max. +60°C (for lower temperatures, a heating is available upon request)

Power supply: 230V AC (type BEKOMAT 31 U and BEKOMAT 32 U: 95-240V AC/100-125V DC), other voltages on request, see ordering example

Protection class: IP 65 (type BEKOMAT 31 U and BEKOMAT 32 U: IP 67)

Pressure range: 0.8 to 16 bar

☞ **Optional:** For oil-free condensate use -CO

Type	Condensate type	Max. compressor supply amount* [m³/min]	Max. dryer performance [m³/min]	Condensate inlet (FT)	Depth	Width	Height ***
BEKOMAT 31 U**	Oil/oil free	2.5	5	G 1/2"	164	65	118 (86)
BEKOMAT 32 U	Oil/oil free	5.0	10	G 1/2"	179	74	127 (86)
BEKOMAT 12	Contains oil	6.5	13	G 1/2"	158	65	141 (62)
BEKOMAT 13	Contains oil	30.0	60	2 x G 1/2"	212	93	162 (21)
BEKOMAT 14	Contains oil	130.0	260	3 x G 3/4"	252	120	180 (21)
BEKOMAT 16	Oil/oil free	1,400.0	2,800	G 1", 2xG 3/4", G 1/2"	280	260	280 (49)

* based on 1 bar reduction and 20°C, ** delivered without dry contact, *** height of the lowest lateral inlet in brackets



type BEKOMAT 31 U

Wear part set	
BEKOMAT 31 U VERSCH	
BEKOMAT 32 U VERSCH	
BEKOMAT 12 VERSCH	
BEKOMAT 13 VERSCH	
BEKOMAT 14 VERSCH	
BEKOMAT 16 VERSCH	

☞ **Order example:** BEKOMAT 12 **

Standard type	Designation for the options:
	Power supply 24V DC-24V=
	For oil-free condensate-CO



PE canisters + buckets from page 642

Clock controlled steam traps

PN 16

Materials: Valve: Brass, seals: FKM, pulse generator: Plastic

Temperature range: Environment: +2°C to max. +50°C, medium: Max. +50°C

Power supply: 230V AC

Protection class: IP 65

Pressure range: 0 - 16 bar

Function: Solenoid valve with large opening and pre-programmed timer. The opening time can be continuously adjusted between 0.5 and 10 seconds, the cycle can also be continuously adjusted between every 30 seconds to 45 minutes.

Type	DN	Thread	Length*	Width	Height**
KONDENS 14	4.0	G 1/4"	40	88	95
KONDENS 12	4.0	G 1/2"	46	88	95

* from thread connector to thread connector, ** middle thread connector - top level timer



TIP Electronic level controlled steam traps save compressed air; however clock-controlled are more economical to purchase!



standard



electronic

Pulse generators for steam traps and other solenoid valves

Application: Pulse generators can be assembled easily between valve plugs according to DIN 43650 A/EN 175301-803 A (plug size 3) and the solenoid. A longer fastening screw and seal is enclosed with the pulse generator.

The standard timer permits infinite adjustment of the valve actuation between 0.5 and 10 seconds and a cycle time of between 0.5 and 45 minutes.

The electronic timer allows for the following programmable functions: ON/OFF cycle (when there is power, valve actuation for a time of 1 second to 10 minutes, with a cycle time of 1 second to 100 hours), OFF/ON cycle (same as ON/OFF cycle, when there is power, the valve only is actuated after the cycle time has elapsed), single ON (when there is power, the valve is actuated once for a time of 1 second to 10 minutes).

Type	Description	Electrical connection:
KONDENS TIME	Standard timer	24 - 240V AC/DC, max. 1A
KONDENS TIME EL	Electronic timer	110 - 240V AC/DC, max. 2A

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.