



Electronically level-controlled drain BEKOMAT 14 CO

Robust, favourably priced condensate drain for oil-free, aggressive condensate from compressors with a performance up to 130 m³/min.

Application: oil-contaminated and oil free, aggressive condensate

Characteristics

- Reliable condensate drain without unnecessary loss of compressed air
- Simple installation
- No preventive checks or maintenance required
- Clear and distinct display of operating parameters by LED Display
- Self-monitoring thanks to integrated alarm system
- Non-wearing, capacitive measuring system without moving parts
- Rugged and durable construction
- Potential-free alarm contact
- Test button for checking device functions

Housing made of die-cast aluminium resistant to corrosion, complete with glass-bead finishing. High-grade protection is provided internally and externally by a hard coat.

The unique capacitive 2-point level control with no mechanically moving parts, in combination with a specially developed release membrane, allows safe draining of condensate without undesired loss of pressurized air, independent of system pressure and condensate viscosity.

Problems in the condensate drain are monitored and indicated by the integrated self-control unit with potential free alarm contact.

Technical data BEKOMAT 14 CO

Compressor performance)*	130 m ³ /min
Refrigeration dryer performance)*	260 m ³ /min
Filter performance)*	1300 m ³ /min
Operating pressure min/max.	0,8/16 bar (g)
Housing	Aluminium, hardcoated
Material membrane	AU
Ambient temperature	+1°C/+60°C
Weight	2,9 kg
Condensate inlet	3 X G ³ / ₄ [optional: NPT-Thread]
Condensate outlet (hose connection)	1 X G ¹ / ₂ ; hose connector; di = 13 mm
Electrical connection, standard	230(±10%) VAC, 50 - 60 Hz
Electrical connection, option	200, 115, 100, 48, 24 Vac; 24 Vdc
Power input	< 8,0 VA (AC/~) / W (DC/--)
Housing protection	IP 65
Cable cross section	recommended 3 X 0.75 mm ²
Fuse protection	recommended 0.5 A/mt (100 mA/mt for 24 Vdc)
Contact loading	Uac < 250 V; Iac < 0,5 A; Udc > 12 V; Idc > 50 mA

)* Based on moderate climate (e.g. Europe)

Dimensioned Drawing BEKOMAT 14 CO

