

## Electronically level-controlled drain BEKOMAT 12

Robust, favourably priced condensate drain for oil-lubricated compressor stations with an intake capacity up to 6.5 m<sup>3</sup>/min.

**Application:** oil-contaminated 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. High-quality protection is provided by an internal and external KTL coating; an external silver varnish is applied additionally.

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

### Technical data BEKOMAT 12

|                                     |  |
|-------------------------------------|--|
| Compressor performance )*           | 6,5 m <sup>3</sup> /min                            |
| Refrigeration dryer performance )*  | 13 m <sup>3</sup> /min                             |
| Filter performance )*               | 65 m <sup>3</sup> /min                             |
| Operating pressure min/max.         | 0,8/16 bar (g)                                     |
| Housing                             | Aluminium  |
| Material membrane                   | FKM  |
| Ambient temperature                 | +1°C/+60°C   |
| Weight                              | 0,8 kg   |
| Condensate inlet                    | G½ [optional: NPT-Thread]                          |
| Condensate outlet (hose connection) | 1 X G3/8; hose connector; di = 10-13 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 <sup>2</sup>               |
| Fuse protection                     | recommended AC: 1 A slow   stipulated DC: 1 A slow |
| Contact loading                     | Uac < 250; Vac < 0.5 A; Udc > 12 V; Idc > 50 mA    |

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

Dimensioned Drawing BEKOMAT 12

