



BEKOMAT® 12 KW

The moisture indicator

APPLICATION

The quality during the production process is decisive for the quality of your products. Particularly when it concerns the quality of the compressed air used in production. Despite properly functioning condensate drains, it can still happen that condensate collects at strategically difficult points - and creates problems.

Greater reliability and safety in your compressed-air network

The **BEKOMAT 12 KW** moisture indicator has been developed especially for dealing with difficult points and situations in your compressed-air network. It represents a simple and at the same time reliable early warning system that reacts quickly to the presence of unwanted condensate. Malfunctions or failures of important network elements, such as the refrigeration dryer, can thus be spotted at an early stage. The problem can be sorted out before any damage has occurred.

The **BEKOMAT 12 KW** is installed in dry compressed-air networks at strategically important points: e.g. on the cyclone water separator, air vessel or directly in the

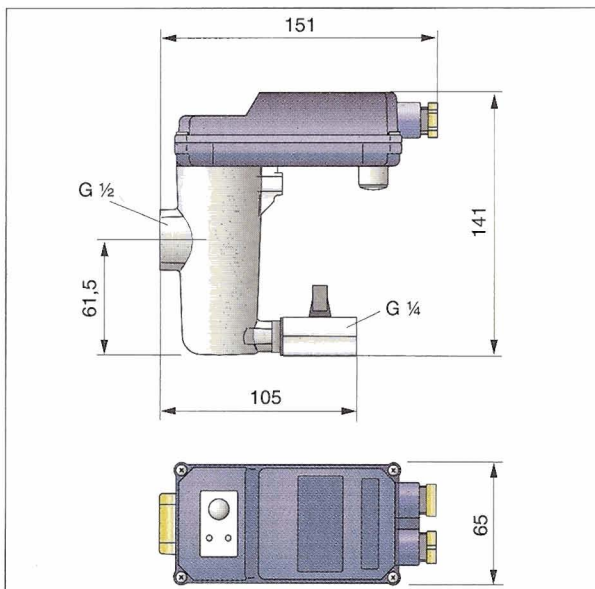


pipe system. As soon as a critical amount of condensate has accumulated, the **BEKOMAT 12 KW** moisture indicator sends out a visual and audible signal. This signal can also be relayed to a control system via a potential-free contact. The problem is easily dealt with: After opening the ball valve, the accumulated condensate flows out of the moisture indicator into, e.g. a small container. The unit then electronically resets itself.

Very simple installation and maintenance-free operation

As with all the other **BEKO** products, the **BEKOMAT 12 KW** has been designed with particular attention to simple handling and easy application in an industrial environment. This moisture indicator represents a convincing and worthwhile investment to assure the necessary quality in production. In addition, the device also helps to increase the air quality of your entire compressed-air network.

TECHNICAL DATA



Operating pressure	max. 16 bar
Condensate temperature	min./max. +1/+60 °C
Weight	0.70 kg

ELECTRICAL DATA

Mains voltage input:

$P_{ac} \approx 2 \text{ VA}$
 $U_{ac} 230 \text{ V } (\pm 10 \%), 50\text{-}60 \text{ Hz}$
(optional: 110 Vac, 24 Vac, ...)

Recommended cross-section for connection: 0.75 mm²
Recommended fuse: 0.5 A

Relay contact (alarm):

Recommended contact load:
 $U_{ac} < 250 \text{ V}, I_{ac} < 0.5 \text{ A}$
 $U_{dc} > 12 \text{ V}, I_{dc} > 50 \text{ mA}$

EXAMPLE OF INSTALLATION

