



Return flow control KUR-B

Use:

For return flow monitoring in circulation lubrication systems.

Functioning:

The return control mechanism watches the return flow by means of a level control, which is situated in a separate measuring chamber, keeping an electric contact closed as long as the measuring chamber is filled with oil. Upon return flow interruption, the oil contained in the measuring chamber yet will flow away through a throttle hole in a delayed manner causing the descending float to open the electric contact.

Technical data:

Installation position: as drawn
 Operating pressure at max.: 1 bar
 Temperature range: 0 ... 90 °C
 Lubricant: Oil or similar fluids

Material:

Housing: Aluminium, CU-alloy
 Float: PUR-high-resistance foam
 Seals: NBR
 (Please, enquire when lubricants being incompatible herewith are to be used.)

Electric data:

Switching voltage: 10 ... 230 VUC
 Switching current at max.: 0,5 A
 Switching capacity: 10/30 WVA
 Plug-in connection: DIN 43650
 System of protection: IP 65

Purchase-example:

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The curve adjacent hereto shows the maximum throughput volume, whereas the straight line denotes the delay time elapsing between throughput stoppage and contact making as depending on operating viscosity. For instance, an operating viscosity 125 mm²/s corresponds to a maximum throughput volume of 0,55 l/min as well as a delay time of 3 minutes.

