

Function control

D1 Function control (Rotation control)

The function control option detects device errors early, using a separate independent electronic system.

The following are monitored:

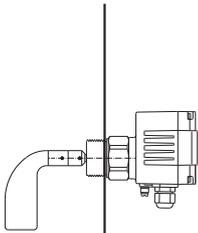
- Cable break**
- Voltage failure**
- DC/AC-converter for motor voltage**
- Motor**
- Transmission**

Symbol signification

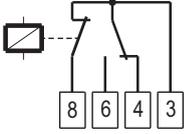
○ = under voltage	● = LED "OFF"
◡ = full	☀ = LED "ON"
∩ = empty	☑ = Relay actuated
⊞ = Rotation control	☒ = Relay without current

Switching logics and function displays

Empty indication



001-0156

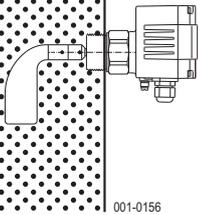


001-AP21

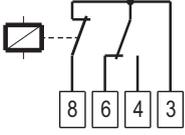


During of the whole undisturbed process is the defect report relay activated and signalled by the expense of the control voltage at the clamp 8 for the accurate process of the device.

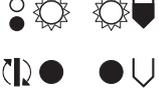
Full indication



001-0156



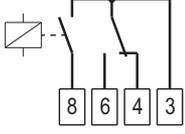
001-AP23



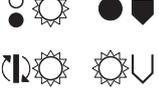
Please take notice!
By the start up of the level indicator the defect report relay as far as approx. 0.3 sec delayed on.
Device is in idle mode.
Faultless condition!!!

Error signal



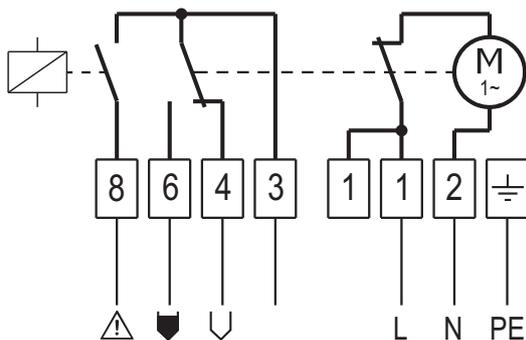


001-AP24



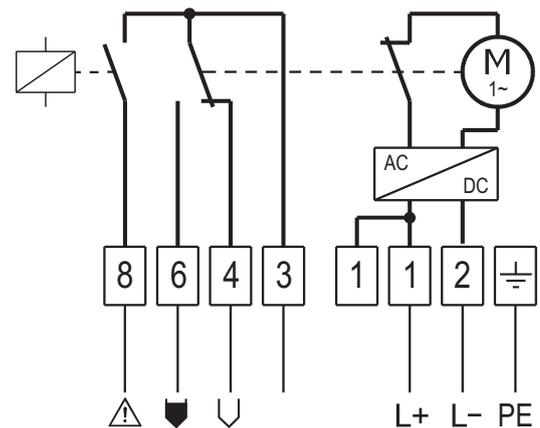
Device error displayed
Eventimes at the device is a mistake, than the relay drops out an breaks the circuit to the clamp 8 and signaled a mistake.

Circuit diagram AC with delay D1



001-AP01

Circuit diagram DC with delay D1



001-AP00

ATTENTION! Level indicator is always to be brought into circuit so that no undesirable switching function can occur in the case of mains voltage failure.