**Assembly:**
For assembly, be sure condensate drain shows downward.

**Connections:**
- P ................. Compressed air available at the assembly site
- CA .............. Cylinder OPEN
- CZ .............. Cylinder CLOSE
- CO2-A .......... CO2 inlet port OPEN
- CO2-Z .......... CO2 inlet port CLOSE

**Description of function:**
1) **Ventilation function:**
   Ventilation is ensured by use of the hand lever. With add-on components for OPEN and/or CLOSE is also an electrical or pneumatic remote control possible (see options).
2) **Alarm function:**
   - Inlet prot CO2-A, when controlled e.g. by a CO2 alarm box, will be connected with outlet prot CA, and outlet prot CZ will exhaust.
   - Inlet prot CO2-Z, when controlled e.g. by a CO2 alarm box, will be connected with outlet prot CZ, and outlet prot CA will exhaust.
   Ventilation function is deactivated.
3) **Reset after release of alarm:**
   - Fully press in reset buttons (cap screw and wascher will protrude).
   - Only then ventilation function will be active again.

**Specifications:**
- max. operating pressure: 10 bar
- for use in temperature range: -20°C to +60°C
- pipe connections: Ø6/4

**Options:**
- EZ230 Electrical CLOSE 230V
- EZ24 Electrical CLOSE 24VDC
- EZS230 Electrical CLOSE 230V (deenergized)
- EZS24 Electrical CLOSE 24VDC (deenergized)
- EZV230 Electrical PRIORITY CLOSE 230V
- EZV24 Electrical PRIORITY CLOSE 24VDC
- EA230 Electrical OPEN 230V
- EA24 Electrical OPEN 24VDC
- EAV230 Electrical OPEN 230V
- EAV24 Electrical OPEN 24VDC
- PA Pneumatic OPEN
- PZ Pneumatic CLOSE
- PAV Pneumatic PRIORITY OPEN
- PZV Pneumatic PRIORITY CLOSE
- Ø8 All pipe connections for Ø8mm
- OFR Without filter pressure reducer

**Ordering code:**
- PLZ xx.x.x - Optionen
  - PLZ 30.1.1 - EA230 - EZ230

**Circuit diagram solenoid:**
- 24VDC
- 230V
- Power input - attracting - DC
- Power input - attracting - AC
- Power input - holding - DC
- Power input - holding - AC

**Ordering example:**
- PLZ 30.1.1 - Optionen
  - Ordering code
  - Order number
  - Description

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**Diagram notes:**
- Condensate drain
- Pressure gauge (operating pressure ventilation)
- Filter pressure reducer
- Electrical add-on component (optional)
- Lock
- Hand lever
- Cable or hose pass-through arrangement for EA/EZ, PAPZ

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**Data sheet:**
- Pneumatic ventilation control centre
- PLZ 3x1-options

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**Ordering code:**
- PLZ xx.x.x - Optionen
  - Ordering code
  - Order number
  - Description

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**PLZ:**
- 06.002.DAT.01.01-E
- 29.5.2002 KZ

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**Manufacturers:**
- FA. GRAS GMBH & CO. KG
- 33349 EDERNRUTHER STRASSE
  - Type
  - Manufacturer
  - Serial number
  - Date

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**Other information:**
- 29.5.2002 ER