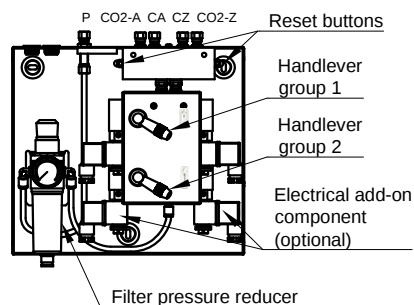
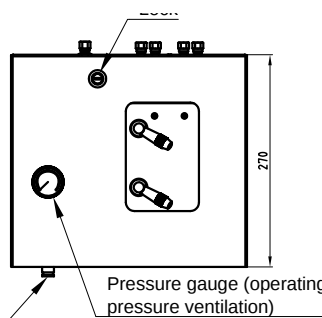


Standard type,
externally operated,
with filter pressure reducer

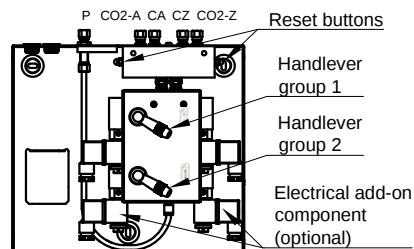
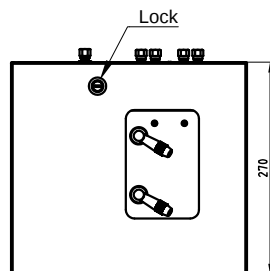
group	1		2	
function	SHEV	vent.	SHEV	vent.
PLZ 30.2.2	✓	✓	✓	✓
PLZ 30.1.2	✓	✓	✗	✓

Condensate drain Pressure gauge (operating pressure ventilation)



Externally operated type
without filter pressure reducer

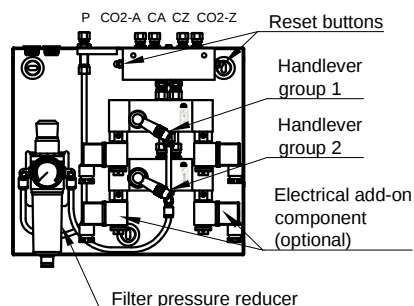
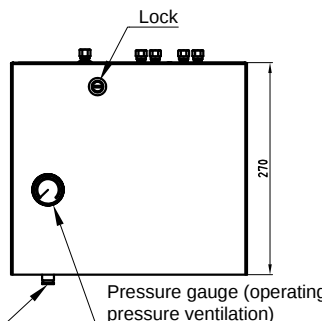
group	1		2	
function	SHEV	vent.	SHEV	vent.
PLZ 30.2.2-OFR	✓	✓	✓	✓
PLZ 30.1.2-OFR	✓	✓	✗	✓



Internally operated type
with filter pressure reducer

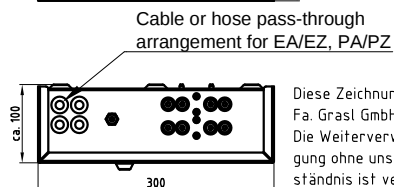
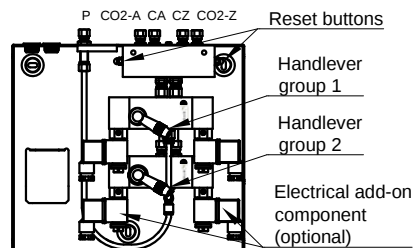
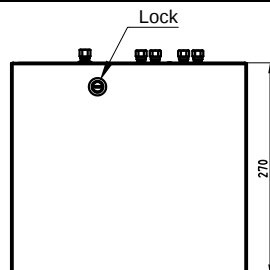
group	1		2	
function	SHEV	vent.	SHEV	vent.
PLZ 31.2.2	✓	✓	✓	✓
PLZ 31.1.2	✓	✓	✗	✓

Condensate drain Pressure gauge (operating pressure ventilation)



Internally operated type
without filter pressure reducer

group	1		2	
function	SHEV	vent.	SHEV	vent.
PLZ 31.2.2-OFR	✓	✓	✓	✓
PLZ 31.1.2-OFR	✓	✓	✗	✓



Diese Zeichnung ist Eigentum der
Fa. Grasl GmbH A-3454 Reidling, Europastraß 1
Die Weiterverwendung oder Vervielfälti-
gung ohne unser schriftliches Einver-
ständnis ist verboten!

Installation:

For installation, be sure condensate drain shows downward.

Connections:

P compressed air available at the assembly site
CA cylinder OPEN
CZ cylinder CLOSE
CO2-A inlet port CO2-OPEN
CO2-Z inlet port CO2-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 port CO2 when controlled e.g. by a CO2 alarm box, will be connected with outlet port CA, and outlet port CZ will exhaust.

Ventilation function is deactivated.

3) Reset after release of alarm:

Fully press in reset button (will protrude approx. 1mm)

Only then the ventilation function will be active again.

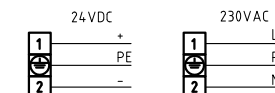
Technical data:

max. operating pressure	10 bar
ambient temperature range	-25°C - +50°C
pipe connectionse	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 PRIORITY OPEN 230V
EAV24	Electrical PRIORITY 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

Circuit diagram solenoid:



Power input - attracting -DC	-
Power input - attracting -AC	9VA
Power input - holding - DC	5W
Power input - holding - AC	6VA

Ordering code:

PLZ xx.x.x - Optionen

Ordering example:

PLZ 30.2.2 - EA230 - EZ230

GRASL Pneumatic-Mechanik GmbH A-3454 Reidling Europastraße 1				Freimaßtoleranz nach DIN 7168:			Maßstab: 1:1			Werkstoff:		
							ID - Nr.:					
							Bezeichnung:					
							Data sheet					
							Pneumatic ventilation control centre (CO2 OPEN-CLOSE)					
							PLZ 3x.x.2-options					
							Zeichnung Nr.:					
							06.002.DAT.05.01-E					
							Blatt					
							BL.					
							(Ers.f.) 06.002.DAT.05.00					
							(Ers.d.)					