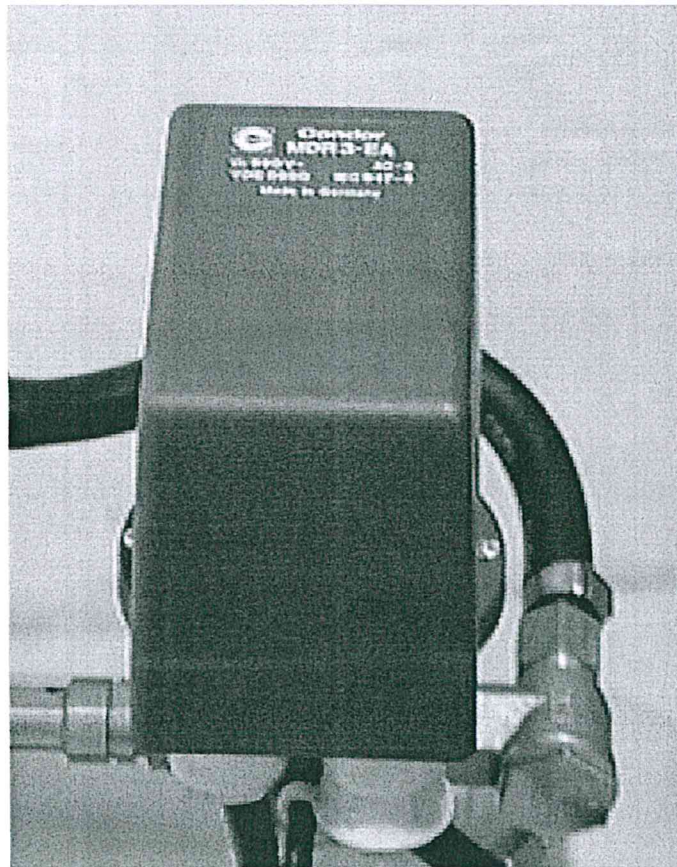


KAESER
COMPRESSORS

Pressure Switch Setting



MDR 3/25

KAESER KOMPRESSOREN GmbH

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Setting up the Pressure Switch



Break the power supply by operating and locking out the main isolating device (main switch or mains plug) to prevent an accidental compressor start before any adjustments are carried out to the compressor unit.

Attention!

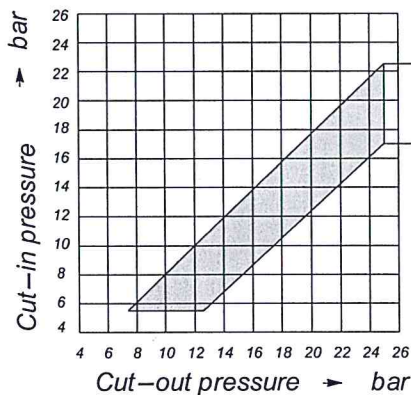
The pressure setting can only be changed with the pressure switch fitted and under pressure.

Attention!

Do not set the maximum cut-out pressure higher than the maximum gauge working pressure (see chapter technical specification).

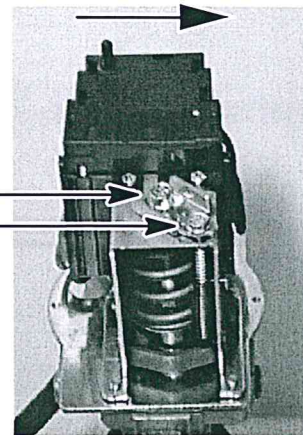
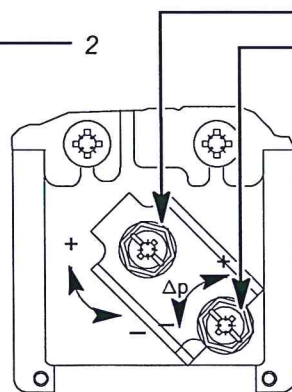
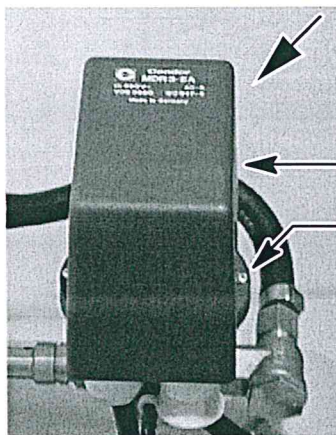
Works settings:

Gauge cut-in pressure p_{min}	17 bar
Gauge cut-out pressure p_{max}	20 bar
Pressure difference Δp	3 bar



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Possible adjustment range of the air main pressure switch



- 1 Cover
- 2 Screw
- 3 "Upper switching point" (Cut-out pressure) adjusting screw
- 4 Pressure difference adjusting screw

- ☞ Shut down the compressor unit.



Break the power supply by operating and locking out the main isolating device (main switch or mains plug) to prevent an accidental compressor start.

- ☞ Unscrew the screws (2) to the right and left of the cover (1).
- ☞ Remove the cover (1) of the pressure switch.

To increase the cut-out pressure:

- ☞ Turn the screw (3) clockwise "+".

To decrease the cut-out pressure:

- ☞ Turn the screw (3) anticlockwise "-".

To increase the pressure difference between the cut-in and cut-out pressures:

- ☞ Turn the screw (4) clockwise "+".

To decrease the pressure difference between the cut-in and cut-out pressures:

- ☞ Turn the screw (4) anticlockwise "-".



Replace the cover (1) after every adjustment of the pressure switch and before starting the compressor unit.

- ☞ Replace the cover (1).

Cut-in frequency of the compressor unit from "standstill" to "load"

The cut-in frequency of the compressor unit from "standstill" to "load" can be changed within a limited range by changing the pressure difference between the cut-in and cut-out pressures (switching difference). To change the cut-in frequency the pressure switch must be adjusted.

- Increasing the switching difference causes a decrease in the cut-in frequency.
- Decreasing the switching difference causes an increase in the cut-in frequency.