

## 1. Classification:

Acc. to EN 60721-3-3 acc. to 3K3

In detail this classification means:

- Static air temperature: 5 – 40 °C
- Relative humidity: 5 – 85 %
- Absolute humidity: 1 – 25 g/m<sup>3</sup>
- Dewing is not permitted

**Attention: Please read safety instructions in operating manual !**

Please find the complete manual on:

<http://www.gather-industrie.com/pumps/gear-pump/>

**Part E: Initial Commissioning with the Special Interface III**

**Part F: Adapting Parameters**

## 2. Switch from operation mode Keyboard to Rated value text. (0/4-20 mA)

- 1) Parameter **Mode** set to 0 (STOP)
- 2) Parameter **Access** set to 1
- 3) Parameter **AutStart** set to 1 (On)
- 4) Parameter **SetSpeed** set to 7
- 5) Parameter **Anl-Offs** set to 0 or 2 ; (0/4mA)
- 6) Parameter **n-10V** set to max. speed rate (Attention: Please note pump specification!)
- 7) Parameter **Write** (press +button for 5s)
- 8) **Separate device from main!**
- 9) Connect Kl. A4 with Kl. A5 and Kl. B1 with Kl. B2
- 10) Internal jumper **S9**: Open 0-10V ; Closed 0/4-20mA
- 11) Signal for rated value connect to Kl.C4 In (+) ; Kl.C5 In (-)
- 12) *Either*: Connect Kl.A5 with Kl.B5 about On/Off switch  
(Start/Stop contact), max. length of cable 2m  
**or** (only for external feed voltage 24VDC (for Start/Stop):  
Connect Kl.A4 with Kl.A5 and connect Kl.B1 with Kl.B2  
Put external feed voltage at Kl.B2 (Gnd) and Kl.B5 (+) (Start/Stop Signal)
- 13) Switch on main
- 14) Choose setpoint signal (analog)

## 3. Switch from operating mode Rated value text. to Keyboard

- 1) **Separate device from main!**
- 2) Remove external signal for rated value
- 3) Remove Start/Stop contact between Kl.A5 and Kl.B5
- 4) Connect Kl. A4 with Kl. A5 and Kl. B1 with Kl. B2
- 5) Fix control device on the motor
- 6) Switch on main
- 7) Parameter **Access** set to 1
- 8) Parameter **AutStart** set to 0 (OFF)
- 9) Parameter **SetSpeed** set to 2
- 10) Parameter **Write** (press +button for 5s)
- 11) Parameter **Mode** set to 1 (START)
- 12) Parameter **Speed -0** (change speed rate with button + and -)