

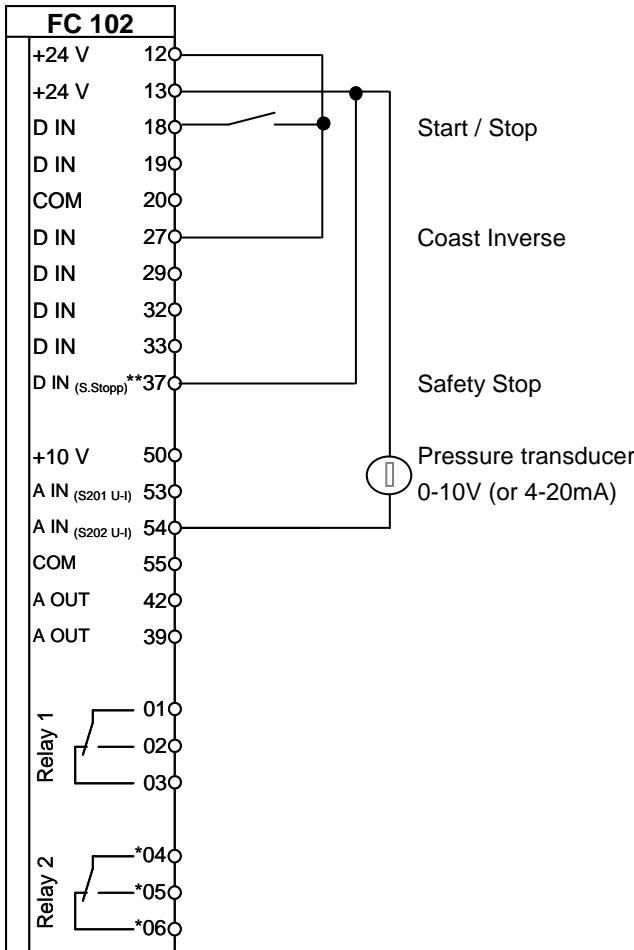
Connection Example

VLT® HVAC Drive

Software: 3.4



Closed loop operation from 0 - 300kPa pressure transmitter with 0-10V output. If the transmitter output is 4-20mA change the DIP switch settings behind the LCP.



| Relevant Parameters | | |
|---------------------|---------------------|-----------------|
| Par. | Function | Settings |
| 0-02 | Motor Speed Unit | [1] Hz |
| 0-21 | Display 1.2 small | [1652] Feedback |
| 1-00 | Configuration mode | [3] Closed loop |
| 20-12 | Unit | [73] kPa |
| 3-41 | Ramp up time | 20s |
| 3-42 | Ramp down time | 20s |
| 3-02 | Min reference | 0 |
| 3-03 | Max reference | 300 |
| 315 | Reference Source 1 | [0] No function |
| 6-24 | Min feedback | 0 |
| 6-25 | Max Feedback | 300 |
| 20-13 | Min reference | 0 |
| 20-14 | Max reference | 300 |
| 20-21 | Setpoint | 150 |
| 20-73 | Min feedback | 0 |
| 20-74 | Max Feedback | 300 |
| 20-81 | Normal / Inverse | [0] Normal |
| 20-83 | PID start frequency | 10 |
| 20-93 | Proportional gain | 2 |
| 20-94 | Integral time | 10 |
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NOTE:

Erstellt von: Schulung

All settings are based on factory settings.

It is recommended to set all the motor parameters in Par. 1-20 to 1-26 and then perform Automatic Motor Adaption (AMA) in Par. 1-29.