**EtherCAT®**

**Model key explanation**

**For other explanation see 9.16.118**

**Pin 1 & 6**
- Option: X X + X X X
- Default 0..10Vdc Controller output.

**Pin 5**
- Option: A 1 V
- Default RS232.

**A**
- Analog setpoint mode
- Digital setpoint mode

**D**
- +15Vdc ... 24Vdc power supply

**Output / setpoint**
- 0..5Vdc
- 0..10Vdc

**Output / setpoint**
- 0..20 mA sourcing
- 0..20 mA sinking

**Output**
- 4..20 mA sourcing
- 4..20 mA sinking

**Note:**
- (EtherCAT), Normally closed valve
- (EtherCAT), Normally open valve

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**RS232 connection**

- TX-RS232
- RX-RS232
- 0Vdc
- Shield

**T-adapter cable 7.03.366**

- RS232 COM-port
- 9 pin D-Sub connector chassis part male

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**EtherCAT connection**

- Use cable suitable for EtherCAT

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**2x RJ45 connector chassis part female**

- 9 pin D-Sub connector chassis part male

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**Note:**
1. Check model key for custom pin 5 ID configuration. (Default = A2V = 0..10Vdc.)
2. Check model key for custom BUS configuration. (Default = A2V = RS232)
3. Check model key for analog or digital setpoint mode. (Analog = analog, Digital = digital)

When using a field bus or RS232, it is not possible to operate the instrument by using the setpoint signal of the analog D-sub connector without changing the value of parameter "control mode". See doc.nr. 9.17.023 for more details.

Do not connect an external valve to instruments, set as MFM or EPM.