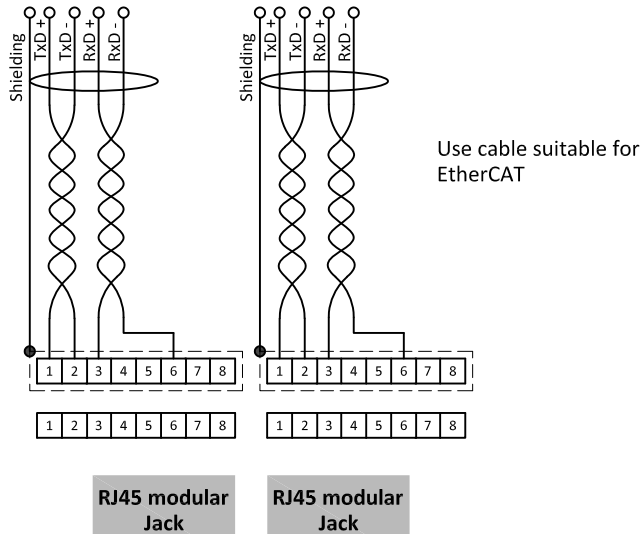
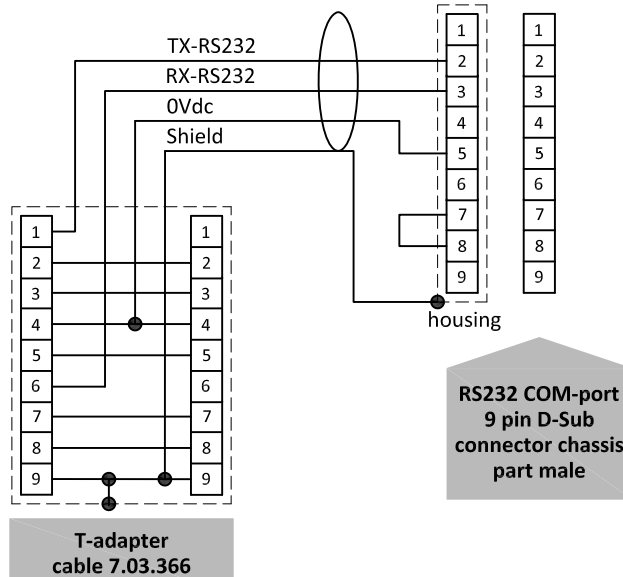


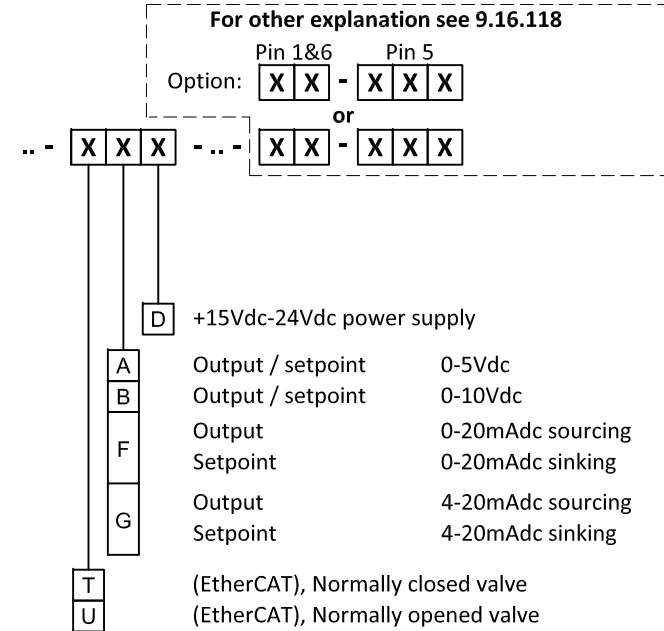
### EtherCAT connection



### RS232 connection



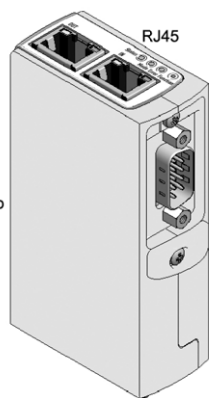
### Model key explanation



2x RJ45 connector chassis part female



9 pin D-Sub Connector chassis part male



- 1 TX-RS232/BUS
  - 2 Analog output
  - 3 Analog input
  - 4 0V power
  - 5 Custom 1
  - 6 RX-RS232/BUS
  - 7 +Us
  - 8 0V sense
  - 9 Shield
- Instrument signals

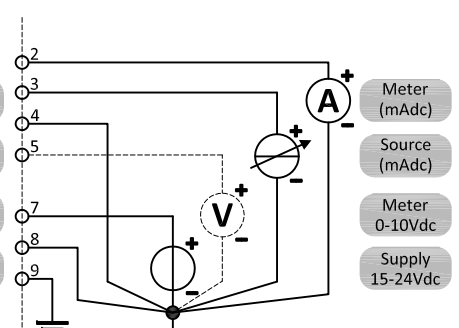
9 pin D-Sub connector chassis part male

- 1 Analog output
  - 2 Analog input
  - 3 0V power
  - 4 Custom 1
  - 5 +Us
  - 6 0V sense
  - 7 Shield
  - 8
  - 9
- housing

9 pin D-Sub connector cable part female

Note:  
0V power (pin 4) and 0V sense (pin 8) should be separately connected to the 0V terminal at the power supply.

Analog operated  
0-5 or 0-10Vdc



Note:  
In analog mode with 'mA signals' Pin 8 (0V sense) does not need to be connected. The instrument's operation will not be effected in case Pin 8 is already hooked-up

Analog operated  
0-20 or 4-20mAdc

Note:  
1) Default disabled, 0Vdc.

Note:  
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.