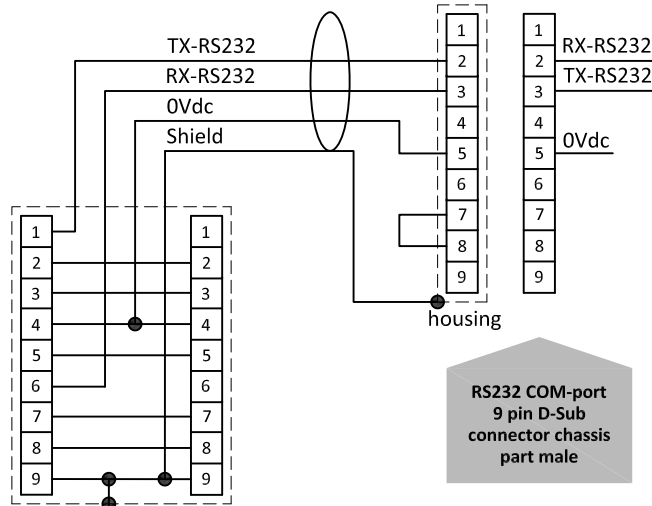


### RS232 connection



T-adapter cable 7.03.366

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

### Model key explanation

For other explanation see 9.16.118

Option: Pin 1&6 

X	X
---	---

 - Pin 5 

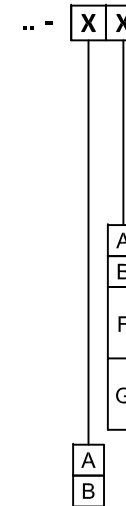
X	X	X
---	---	---

or 

X	X
---	---

 - 

X	X	X
---	---	---

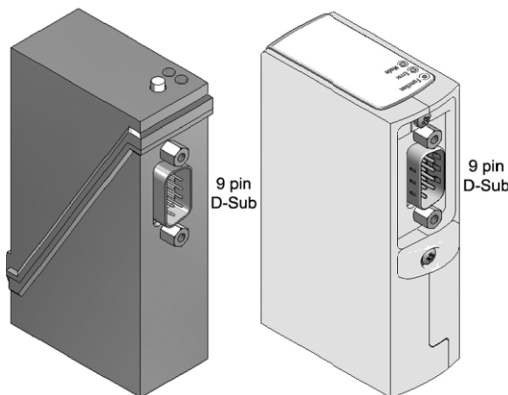


+15Vdc-24Vdc power supply

Output / setpoint	0-5Vdc
Output / setpoint	0-10Vdc
Output	0-20mAdc sourcing
Setpoint	0-20mAdc sinking
Output	4-20mAdc sourcing
Setpoint	4-20mAdc sinking

(No fieldbus), Normally closed valve  
(No fieldbus), Normally opened valve

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

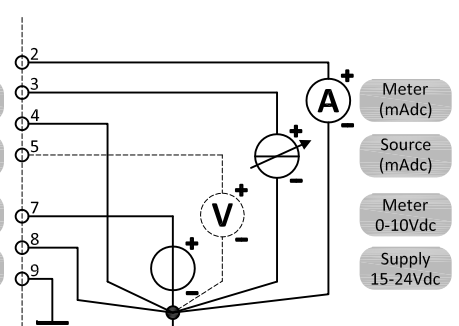
9 pin D-Sub  
connector  
chassis part  
male

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

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.