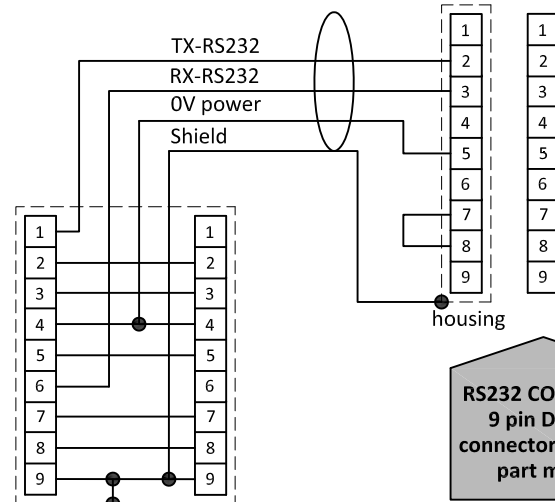




RS232+Analog I/O

MULTI-BUS Hook-up diagram

RS232 connection

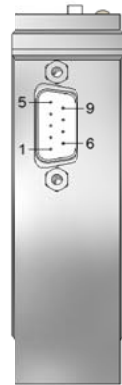
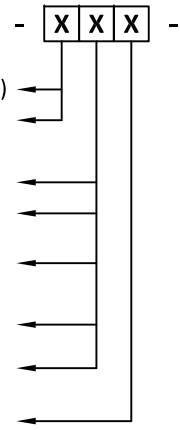


Types

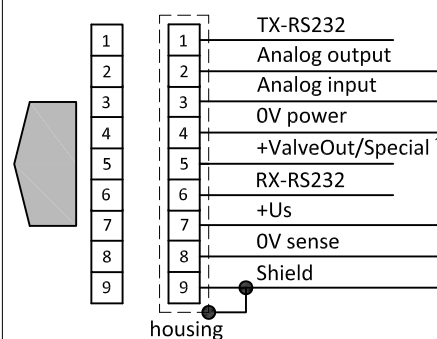
EL-FLOW / EL-PRESS / μ -FLOW/ LIQUI- FLOW

Model key explanation

A	RS232 / Ana. I/O	Normally Closed (NC)
B	RS232 / Ana. I/O	Normally Open (NO)
A	Output / setpoint	0...5Vdc
B	Output / setpoint	0...10Vdc
F	Output	0...20mAcd sourcing
	Setpoint	0...20mAcd sinking
G	Output	4...20mAcd sourcing
	Setpoint	4...20mAcd sinking
Z	Output / setpoint	Specified
D	+15Vdc ... 24Vdc power supply	



9 pin D-Sub
 connector
 chassis part
 male

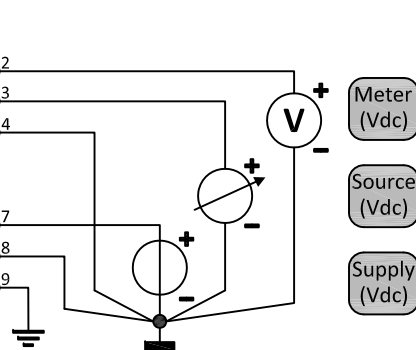


9 pin D-Sub
 connector
 chassis part
 male

9 pin D-Sub
 connector
 cable part
 female

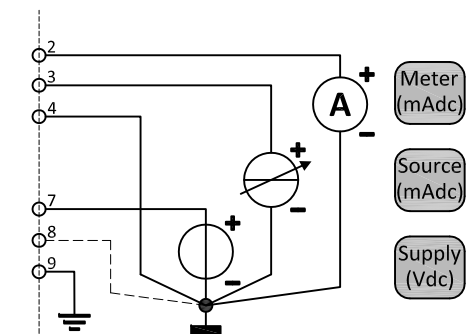
Note:
 Do not connect an external valve to instruments, set as MFM or EPM.

Note:
¹) for MBC3 type instruments: +Valve out is 0...10Vdc 1mA



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...20mAcd

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