Bronkhorst®

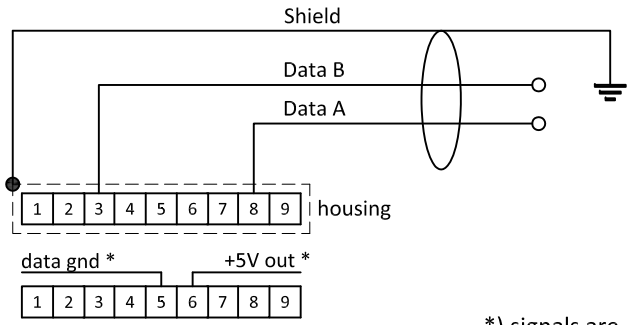
doc.no.: 9.16.152B
date: 04-10-2016

PROFIBUS DP

9pin D-sub

Hook-up diagram

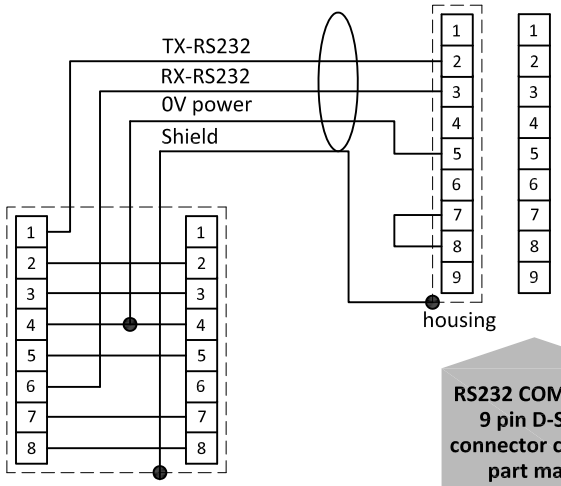
PROFIBUS connection



9 pin D-Sub connector chassis part female

*) signals are for termination purpose only.

RS232 connection



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

T-adapter cable 7.03.444

Types

D-6300 Series

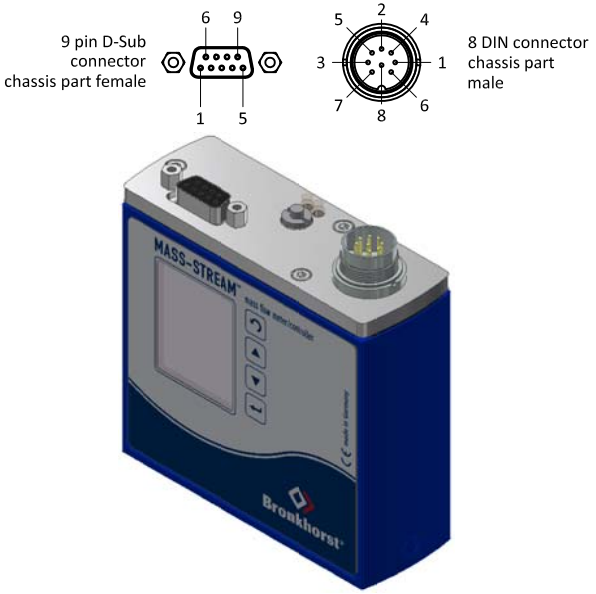
Model key explanation

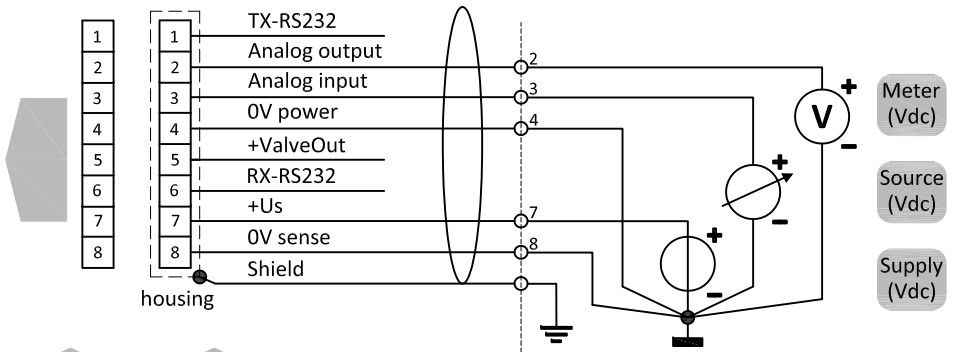
D - N N N N - X X X - X X - X X - N N - X - S - D X

- X X X -

A	Output / setpoint	0...5Vdc
B	Output / setpoint	0...10Vdc
F	Output	0...20mAdc sourcing
	Setpoint	0...20mAdc sinking
G	Output	4...20mAdc sourcing
	Setpoint	4...20mAdc sinking
D	+15Vdc ... 24Vdc power supply standard power supply DeviceNet: 24Vdc	
P	PROFIBUS DP	

- D X -





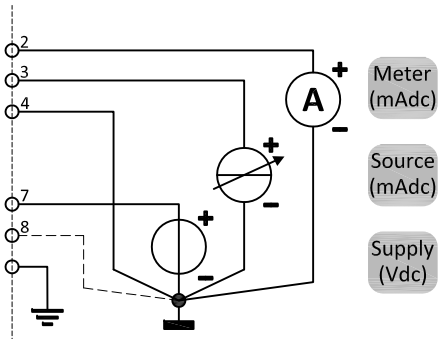
8 DIN connector chassis part male

8 DIN connector cable part female

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

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:
When using a field bus or RS232, it is not possible to operate the instrument by using the setpoint signal of the analog 8 DIN connector without changing the value of parameter ''control mode''. See doc.no. 9.17.023 for more details