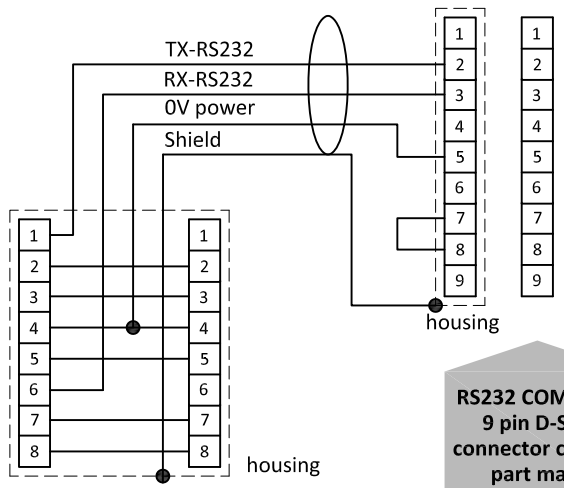
Bronkhorst®

doc.no.: 9.16.044R
date: 17-09-2025

RS232+Analog I/O

MULTI-BUS
Hook-up diagram

RS232 connection



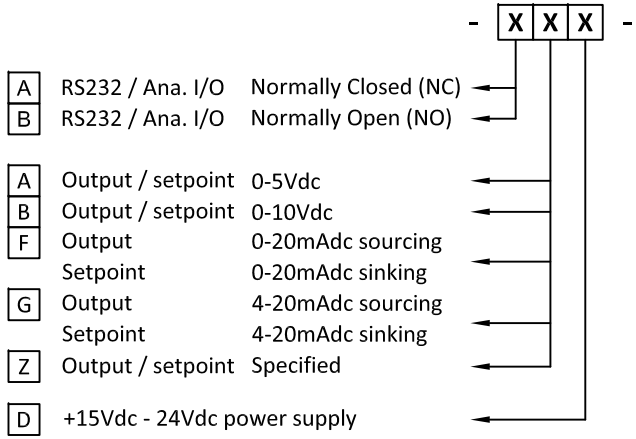
RS232 COM-port 9 pin D-Sub connector chassis part male

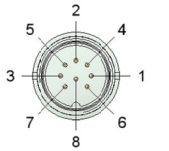
T-adapter cable 7.03.444

Types

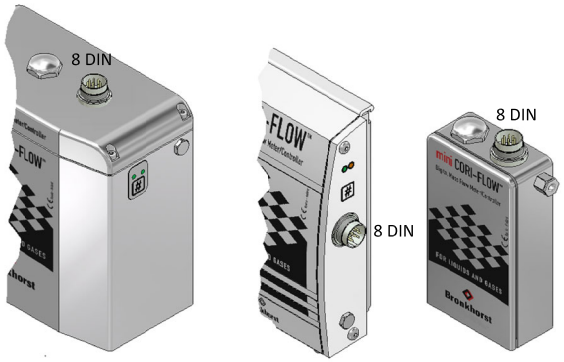
(mini)CORI-FLOW

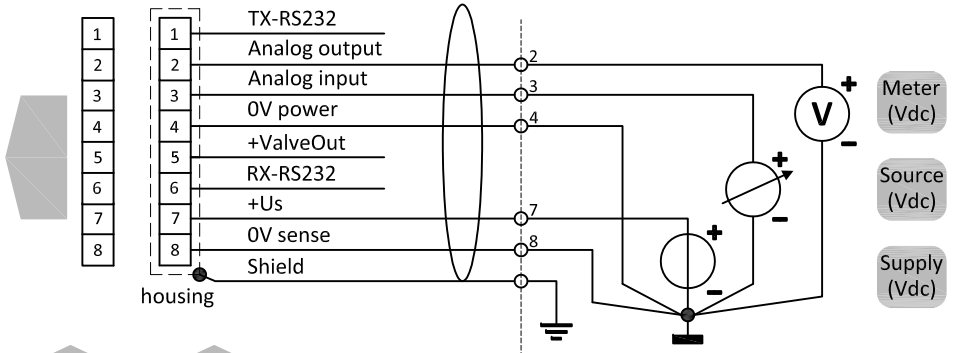
Model key explanation





8 DIN connector chassis part male





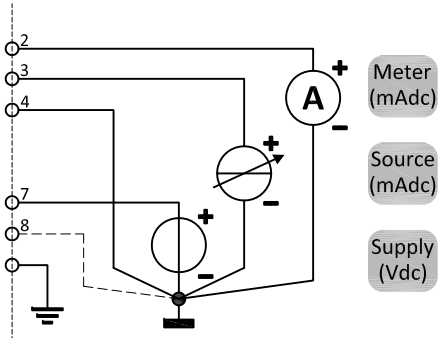
8 DIN connector chassis part male

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 seperately connected to the 0Vdc terminal at the power supply for long cable compensation.

Analog operated 0-5 or 0-10Vdc



Note:
In analog mode with 'mAdc' signals 0V sense (PIN 8) does not need to be connected. The instrument's operation will not be effected in case 0Vdc sense 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.nr. 9.17.023 for more details.

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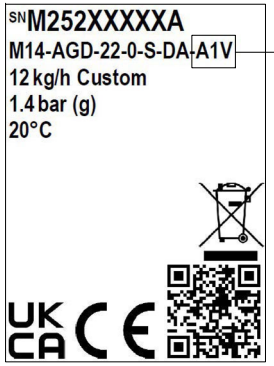
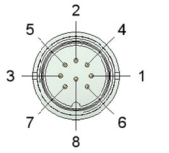
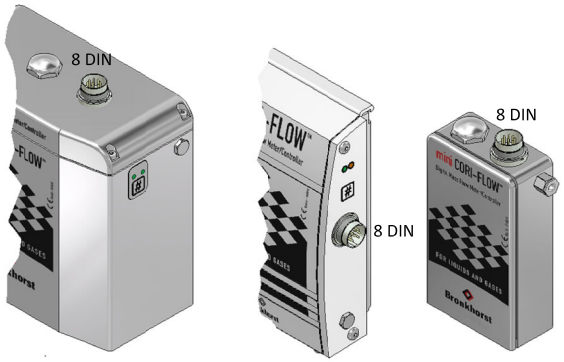
Controller mode output

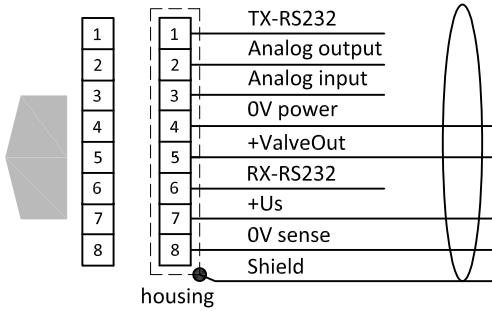


Note:
The label shown is for illustration purposes only and may vary on actual products.



8 DIN connector chassis part male



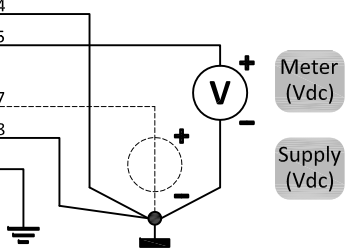


8 DIN connector chassis part male

8 DIN connector cable part female

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

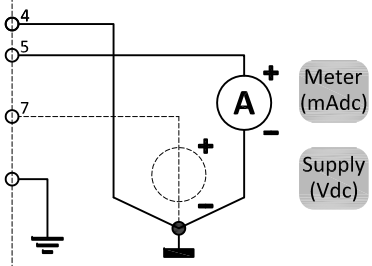
A	1	V	0-10Vdc analog output



Note:
0V power (PIN 4) and 0V sense (PIN 8) should be seperately connected to the 0Vdc terminal at the power supply for long cable compensation.

Analog operated 0-10Vdc

B	1	V	4-20mAdc analog output
	2	V	3.8-20.8mAdc analog output



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

Analog operated 3.8-20.8 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.nr. 9.17.023 for more details.