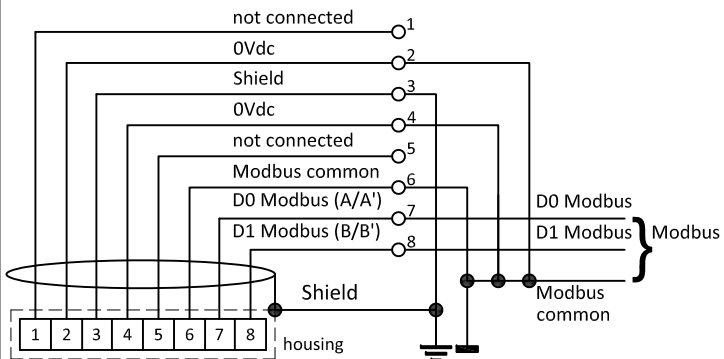


Modbus

E-8000 ATEX Hook-up diagram

Modbus connection



1 2 3 4 5 6 7 8

RJ45 modular jack

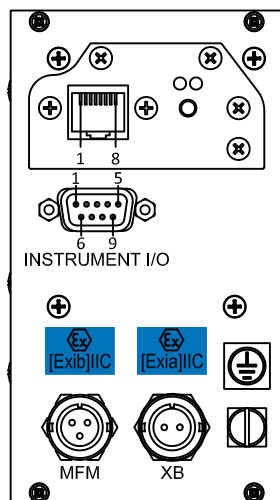
Model key explanation

Front Panel	Rear Panel
blind 0	X... Ex-Proof
1 display with operator function 1	
Bus option	
Modbus M	
	Ext. Analog Setpoint and Output
	0 none
	A 0-5 Vdc
	B 0-10 Vdc
	F setpoint 0-20 mAdc sinking
	output 0-20 mAdc sourcing
	G setpoint 4-20 mAdc sinking
	output 4-20 mAdc sourcing
	Z specified
	Analog sensor
	E 15-20mAdc sourcing
	Analog actuator
	0 none
	R valve (XB)
	S valve (XC)
	Z specified

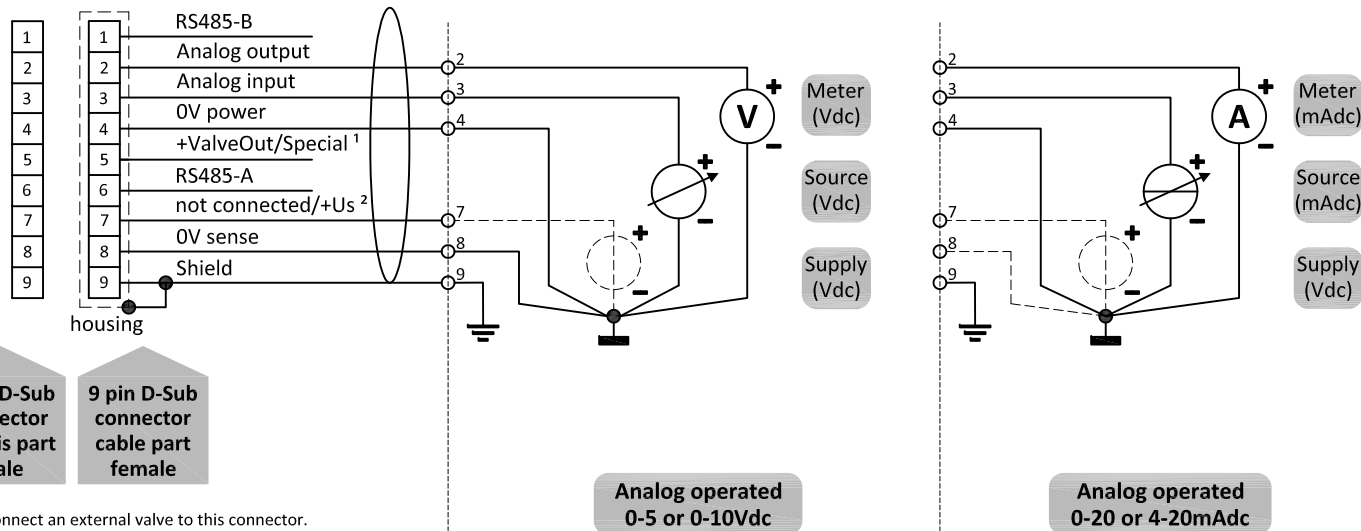
E-8 n n n - M - n X a E a -

RJ45 modular jack

9 pin D-Sub connector chassis part male



Note: Shown image is Control unit E-8000-M-nXaER.



Note:
Do not connect an external valve to this connector.

Note:
1) +Valve out is 0-10Vdc 1mA.
2) For stand alone version: External power supply (+Us) = 24Vdc ±10%.

Analog operated
0-5 or 0-10Vdc

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 D-sub connector without changing the value of parameter "control mode". See doc.nr. 9.17.023 for more details.