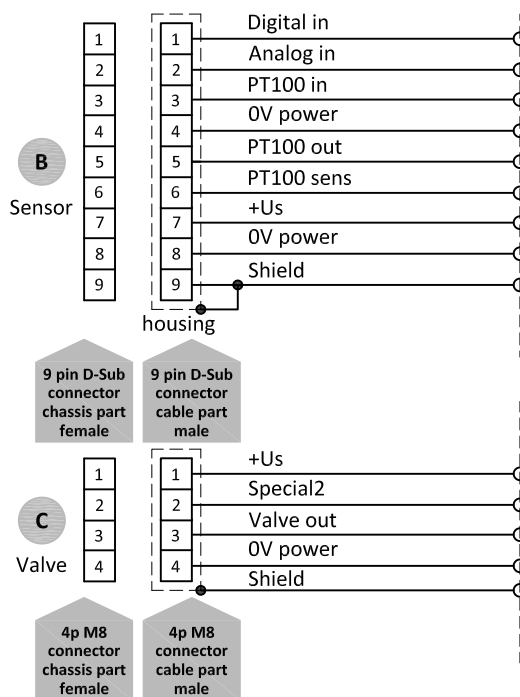
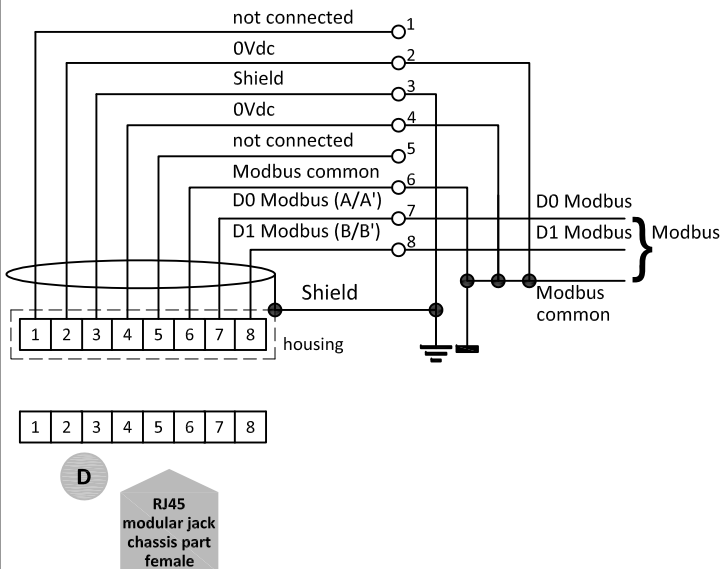


Modbus

E-8000 PID module Hook-up diagram

Modbus connection



Model key explanation

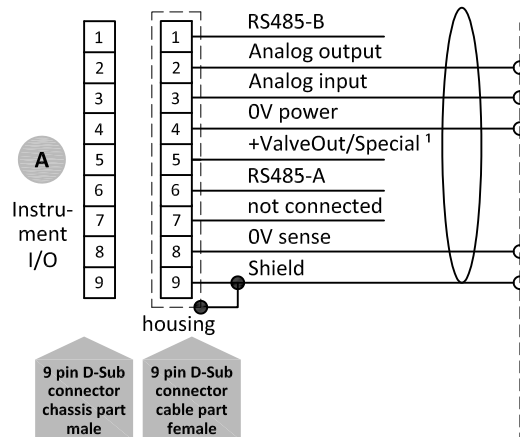
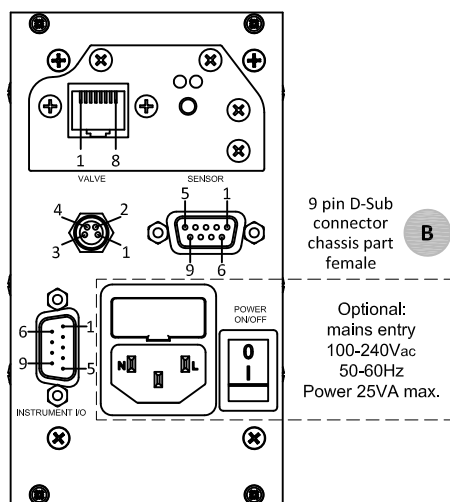
Ext. Analog Setpoint and Output			Sensor	
	0-5 Vdc	A	A	0-5 Vdc
	0-10 Vdc	B	B	0-10 Vdc
Setpoint	0-20 mAdc	sinking F	F	0-20 mAdc sourcing
Output	0-20 mAdc	sourcing	G	4-20 mAdc sourcing
Setpoint	4-20 mAdc	sinking G	H	BHT sensor (high temp.)
Output	4-20 mAdc	sourcing	N	Frequency in
	Specified Z	P	P	PWM in
		Q	Q	Pulse in
		T	T	PT100 temperature
		Z	Z	Specified
Rear Panel			Front Panel	
	PID controller C		Blind 0	
	Inverse PID controller I		1 Display with operator function 1	
Bus option			Actuator	
	Modbus M		0	none
			A	0-5 Vdc
			B	0-10 Vdc
			F	0-20 mAdc sourcing
			G	4-20 mAdc sourcing
			J	3.8-20.8 mAdc sourcing
			N	Frequency out
			P	PWM out
			Q	Pulse Out
			Z	Specified

E-8 n n n - M - n C a a a -

D RJ45 modular jack chassis part female

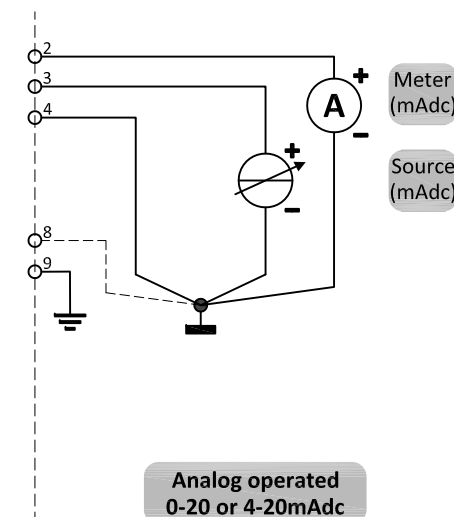
C 4p M8 connector chassis part female

A 9 pin D-Sub connector chassis part male



Analog operated
0-5 or 0-10Vdc

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.



Analog operated
0-20 or 4-20mAdc