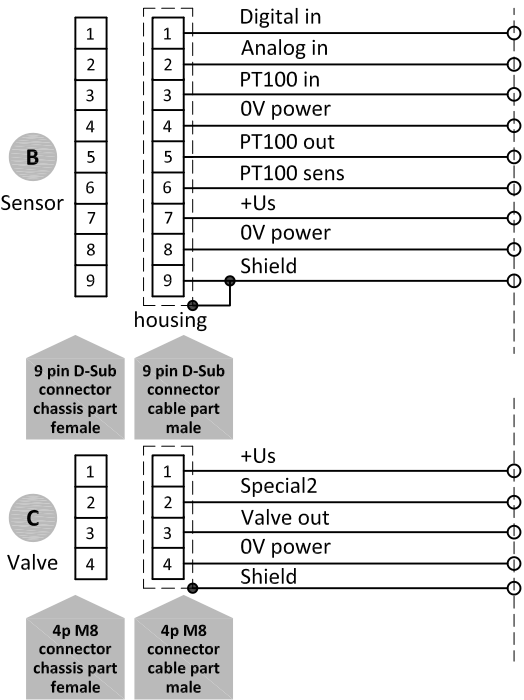


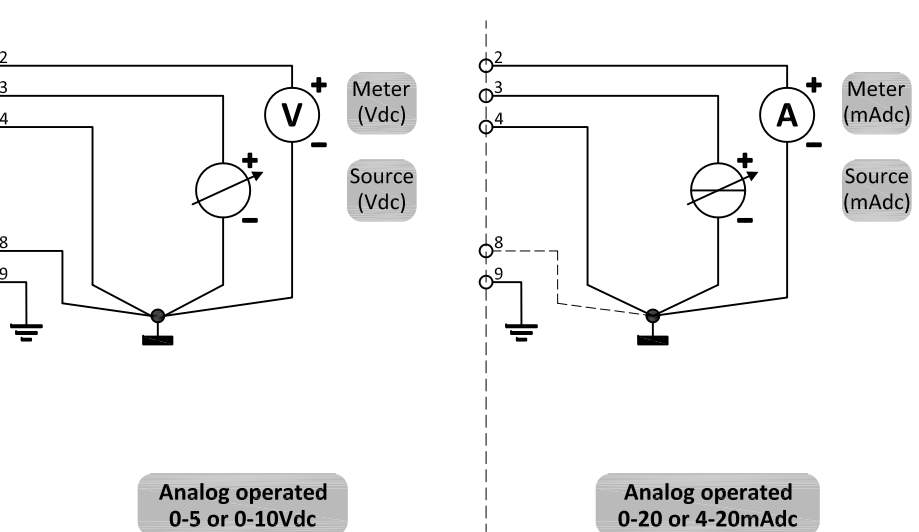
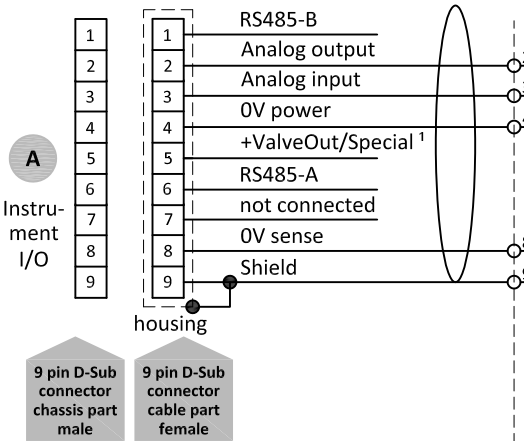
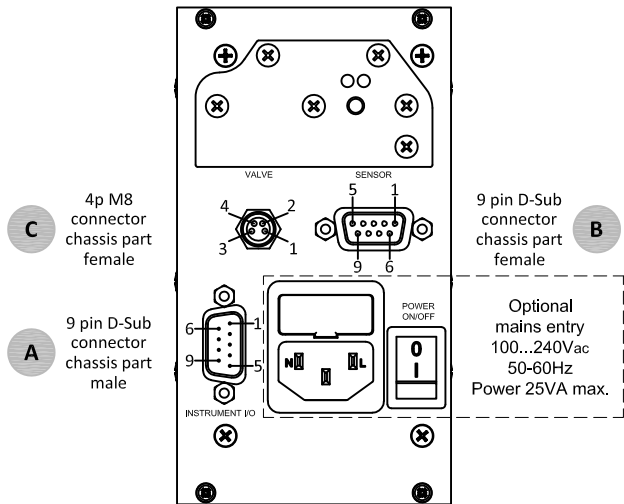
Analog I/O

E-8000 PID module
Hook-up diagram



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	G 4-20 mAdc sourcing
Setpoint	4-20 mAdc sinking	G	H BHT sensor (high temp.)
Output	4-20 mAdc sourcing	N	N Frequency in
	Specified	Z	P PWM in
			Q Pulse in
			T PT100 temperature
			Z Specified
Rear Panel		Front Panel	
PID controller		Blind	0
Inverse PID controller		1	Display with operator function
Actuator			
		0 none	
		A 0-5 Vdc	
		B 0-10 Vdc	
		F 0-20 mAdc sourcing	
		G 4-20 mAdc sourcing	
		J 3.6-21 mAdc sourcing	
		N Frequency out	
		P PWM out	
		Q Pulse Out	
		Z Specified	

E-8 n n n - 0 - n C a a a -



Note:
Do not connect an external valve to the instrument.

Note:
1) +Valve out is 0-10Vdc 1mA.

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.