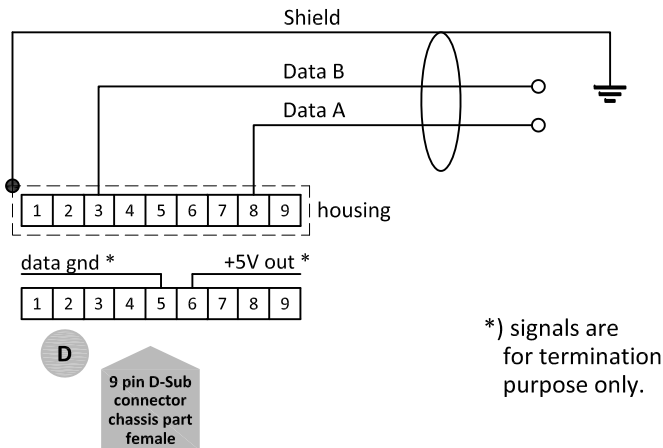


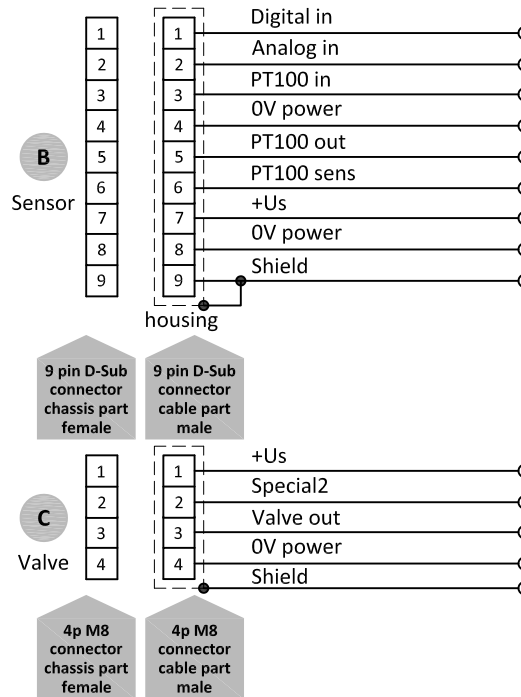
PROFIBUS DP

E-8000 PID module Hook-up diagram

PROFIBUS DP connection



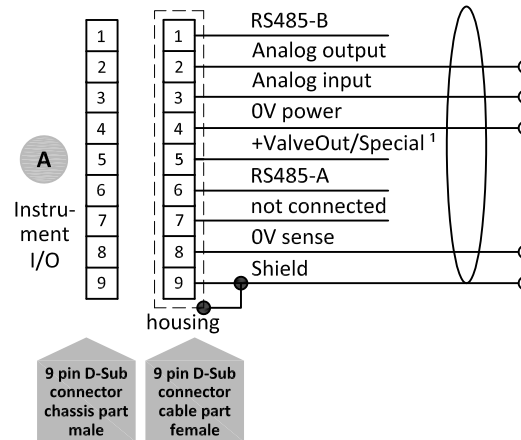
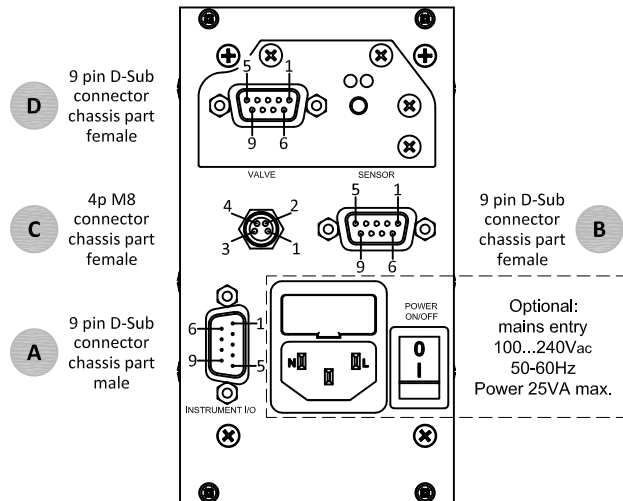
*) signals are for termination purpose only.



Model key explanation

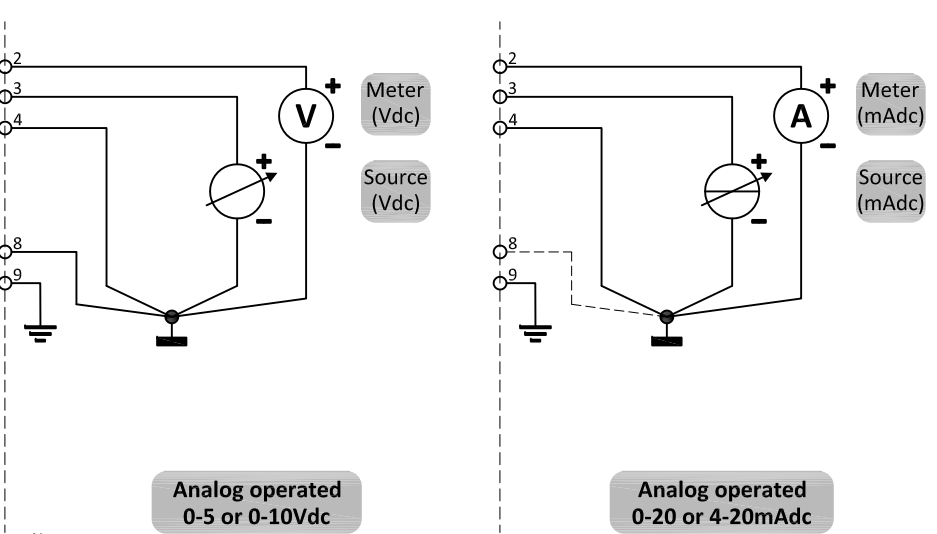
Ext. Analog Setpoint and Output			Sensor	
	0-5 Vdc	A	A	0-5 Vdc
	0-10 Vdc	B	B	0-10 Vdc
Setpoint	0-20 mAdc sinking	F	F	0-20 mAdc sourcing
Output	0-20 mAdc sourcing	G	G	4-20 mAdc sourcing
Setpoint	4-20 mAdc sinking	G	H	BHT sensor (high temp.)
Output	4-20 mAdc sourcing	N	N	Frequency in
	Specified	Z	P	PWM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

E-8 n n n - P - 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.