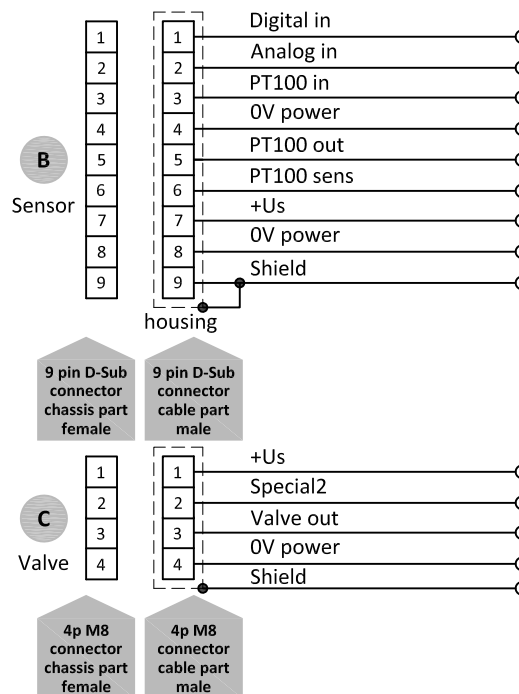
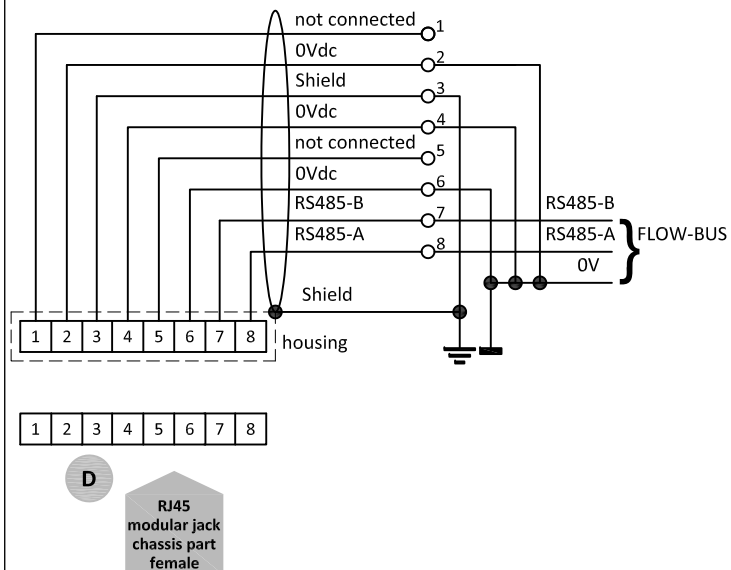


FLOW-BUS

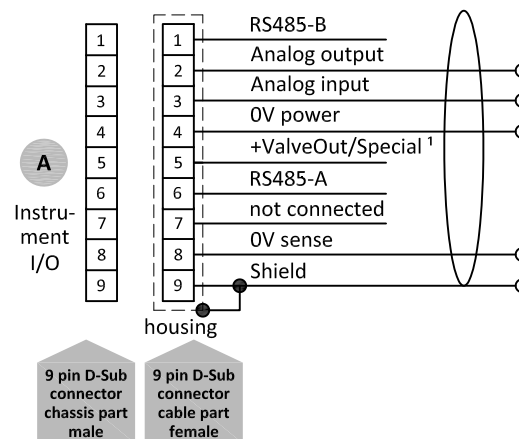
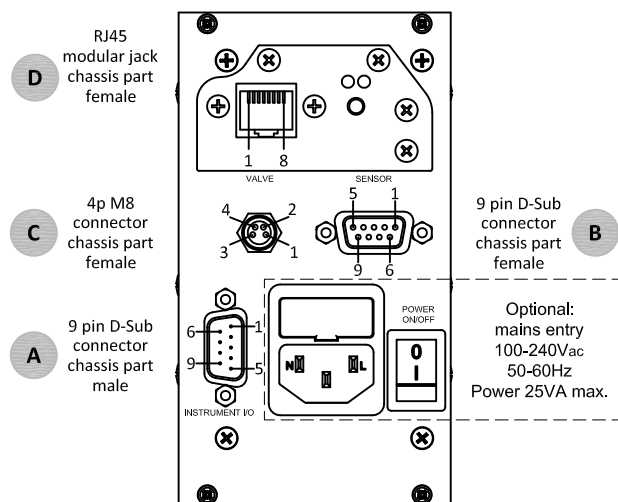
E-8000 PID module Hook-up diagram

FLOW-BUS connection



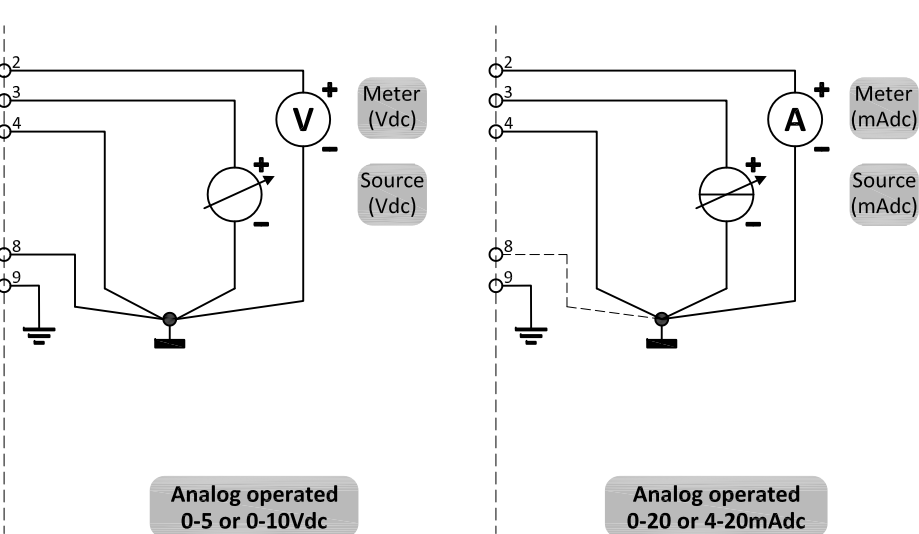
Model key explanation

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	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	3.8-20.8 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				
FLOW-BUS R				
E-8 n n n - R - 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.