

## Pin assignments

- 9-pol. SubminD socket for resistance measuring channel Rx

Pin	Meaning
1	Positive connection Measuring current
2	Positive connection Measuring current (probe)
3	Signal for external measurement start
4	Negative connection Measuring current (probe)
5	Negative connection Measuring current
6	Positive measurement input
7	0...10 V Input for Pyrometer
8	Reference for external measurement start
9	Negative measurement input
Gehäuse	Shield (Ground)

- 6-pol. ANGLE PRINTDOSE size 1B LEMO for temperature measurement with PT 100

1	+ U
2	+ I
3	- I
4	Analog GND
5	Analog GND
6	- U
Housing	Shield / DGND

Plughousing: Potential PE

- 15-pol. SubminHD-socket for **MULTIPLEXER**

Pin	Meaning
1	+5 VD
2	EXT_CS_P
3	DGND (Connected with connector housing)
4	EXT_CS_N
5	Analog GND
6	EXT_SCK_P
7	TEDS
8	DGND (Connected with connector housing)
9	DGND (Connected with connector housing)
10	UA_MON
11	EXT_SCK_N
12	EXT_SDO_P
13	EXT_SDO_N
14	EXT_SDI_P
15	EXT_SDI_N
Housing	Shield / DGND

- Nr. 4: 25-pol. SubminD- Socket for PLC - interface

Pin	Bedeutung
1	+ VEXT-ST External voltage +24 V
2	GND EXT GND of the external +24 V
3	IN START Measurement release (START = 1)
4	IN_AUTO *
5	IN_RES_STAT *
6	IN_ACK_ERR *
7	IN_STROBE *
8	IN_PROG0
9	IN_PROG1
10	IN_PROG2
11	COMP_START *
12	IN_PROG3
13	OUT_BUZZER
14	OUT_READY *
15	OUT_MEAS_END *
16	OUT_MEAS_ERR *
17	OUT_STROBE *
18	OUT_PROG0 *
19	OUT_PROG1 *
20	OUT_PROG2 *
21	OUT_PROG3 *
22	OUT_ERROR *
23	OUT_COMP_ = *
24	OUT_COMP_ < *
25	OUT_COMP_ > *
Gehäuse	Shield (Ground)

Inputs and outputs marked with \*) are programmable in their assignment and function.  
Default assignment see above!

- Nr. 5: 9-pol. SubminD-socket for **PROFIBUS**

Pin	meaning
1	Shield
2	NC
3	RxD/TxD-P
4	NC
5	PROFIBUS-GND
6	VP +5 V (Bus closing)
7	NC
8	RxD/TxD-N
9	NC
Gehäuse	Shield (Ground)