

Appendix/ Pin-outs 1

MSK200/1, MSK210, MSK320, MSK500/1

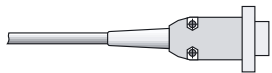
E1 connection type
flying leads



E6 connection type
circular plug



E8 connection type
9-pin D-SUB connector



E1 **E6** **E8**

Without inverted signals (only MSK210 and MSK320)

Colour	PIN	PIN	Signal
black	1	1	GND
brown	2	2	+UB
red	3	3	A
orange	4	4	B

With inverted signals

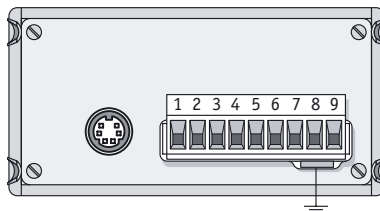
Colour	PIN	PIN	Signal
red	1	1	A
orange	2	2	B
blue	3	3	N.C.
brown	4	4	+UB
black	5	5	GND
yellow	6	6	A/
green	7	7	B/

With inverted signals and reference signal

Colour	PIN	PIN	Signal
red	1 (A)	1	A
orange	2 (B)	2	B
blue	3 (C)	3	I
brown	4 (D)	4	+UB
black	5 (E)	5	GND
yellow		6 (F)	6 A/
green	7 (G)	7	B/
violet	8 (H)	8	I/

MA502

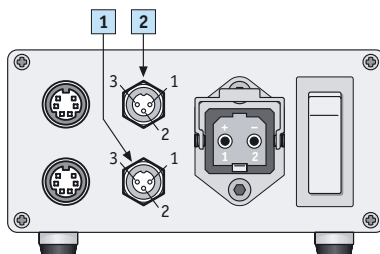
Panel-mount housing



PIN	Terminal strip connections
1	reference input
2	UB = +12 V
3	GND
4	N.C.
5	RS232 RXD interface
6	RS232 TXD interface
7	PE
8	N (230/115 VAC), GND (24 VDC)
9	L (230/115 VAC), UB (24 VDC)

MA502

Bench-top housing
24 V DC

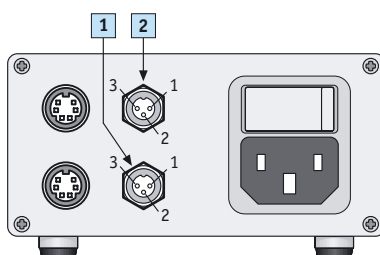


1	PIN	Reference switch connections
1	1	RFS
2	2	GND
3	3	+UB

2	PIN	Interface connections
1	1	GND
2	2	RXD
3	3	TXD

MA502

Bench-top housing
230 V AC



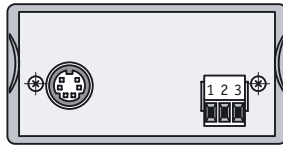
1	PIN	Reference switch connections
1	1	RFS
2	2	GND
3	3	+UB

2	PIN	Interface connections
1	1	GND
2	2	RXD
3	3	TXD

Appendix/ Pin-outs 2

MA506

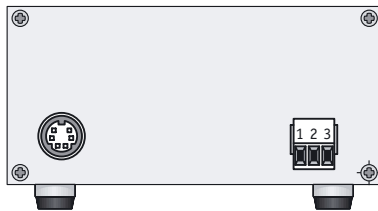
TGL bench-top housing
24 V DC



Name	Connection
+	+UB = 10 ... 30 V DC
-	GND
CAL	Reset

MA506

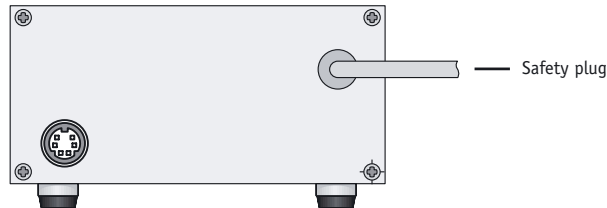
TGL bench-top housing
24 V DC



Pin	Terminal strip connections
1	reference input
2	+UB = 10 ... 30 V DC
3	GND

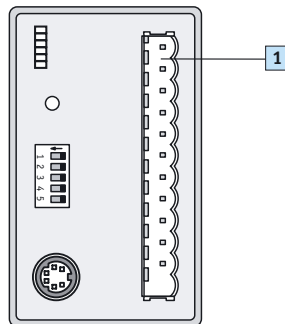
MA506

TGL bench-top housing
230 V AC



AE510

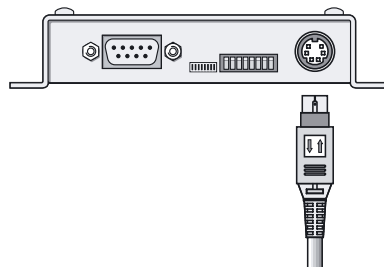
Housing for top-hat rail



1	PIN	Terminal strip connections
	1	0/ index
	2	0 index
	3	B/ signal
	4	B signal
	5	A/ signal
	6	A signal
	7	RESET IN
	8	READY OUT
	9	GND
	10	PE
	11	N 230/115 VAC / GND
	12	L 230/115 VAC / + 24 VDC

AS510/1

D-SUB connector



PIN	D-SUB connections
1	A
2	A/
3	GND (for output signals)
4	B
5	B/
6	0/
7	0
8	+ UB
9	GND (for power supply)