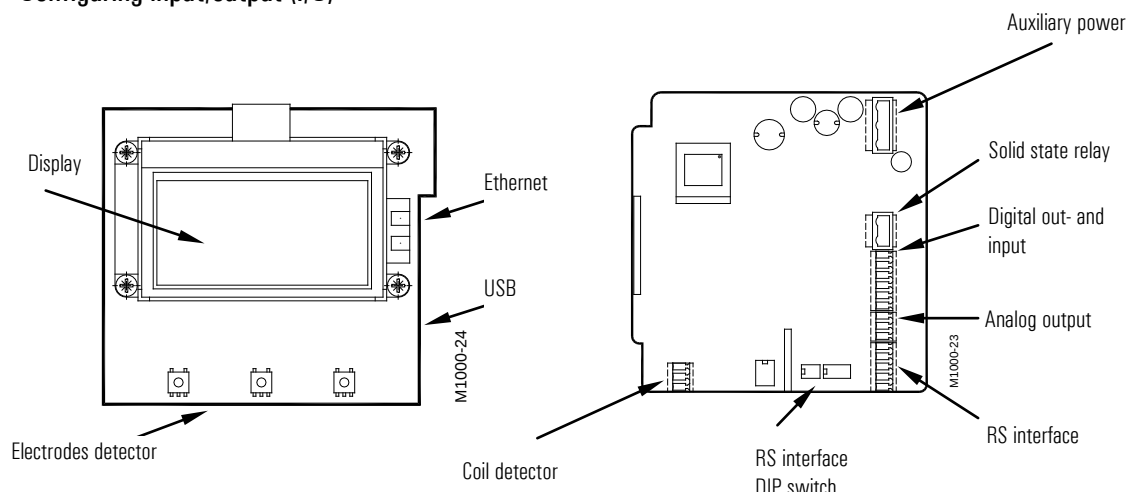
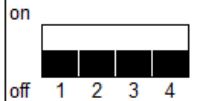


ModMAG® M1000

Configuring input/output (I/O)



Input/Output	Description	Terminal
Analog output	0 - 20 mA 4 - 20 mA RL < 800 ohm 0 - 10 mA	7 (+) 8 (-) 9 (GND)
Digital output		
1	Open collector max. 10 kHz - Passive max. 32 VDC, <100 Hz 100 mA, >100 Hz 20 mA - Active 24 VDC, 20 mA (can be powered by analog output if not used)	3 (-) 4 (+)
2	Open collector max. 10 kHz - Passive max. 32 VDC, <100 Hz 100 mA, >100 Hz 20 mA - Active 24 VDC, 20 mA (can be powered by analog output if not used)	1 (-) 2 (+)
3	Solid state relays max. 230 VAC, 500 mA, max 1 Hz (function is linked with output 2)	S1 and S2 
Digital input	5 - 30 VDC	5 (-) and 6 (+)
RS interfaces	RS 232, RS 485 and RS 422 with ModBus® RTU. Mode can be configured by DIP switches also if termination ON or OFF. on  off 1 2 3 4 RS 232 on  off 1 2 3 4 RS 422 Term. OFF on  off 1 2 3 4 RS 485 Term. OFF on  off 1 2 3 4 RS 422 Term. ON on  off 1 2 3 4 RS 485 Term. ON	422 232 485 A RxD B Z TxD B Y A G (GND)
USB	USB device CDC (Host mass storage)	Micro USB
Ethernet	Ethernet interface connection	RJ45 socket