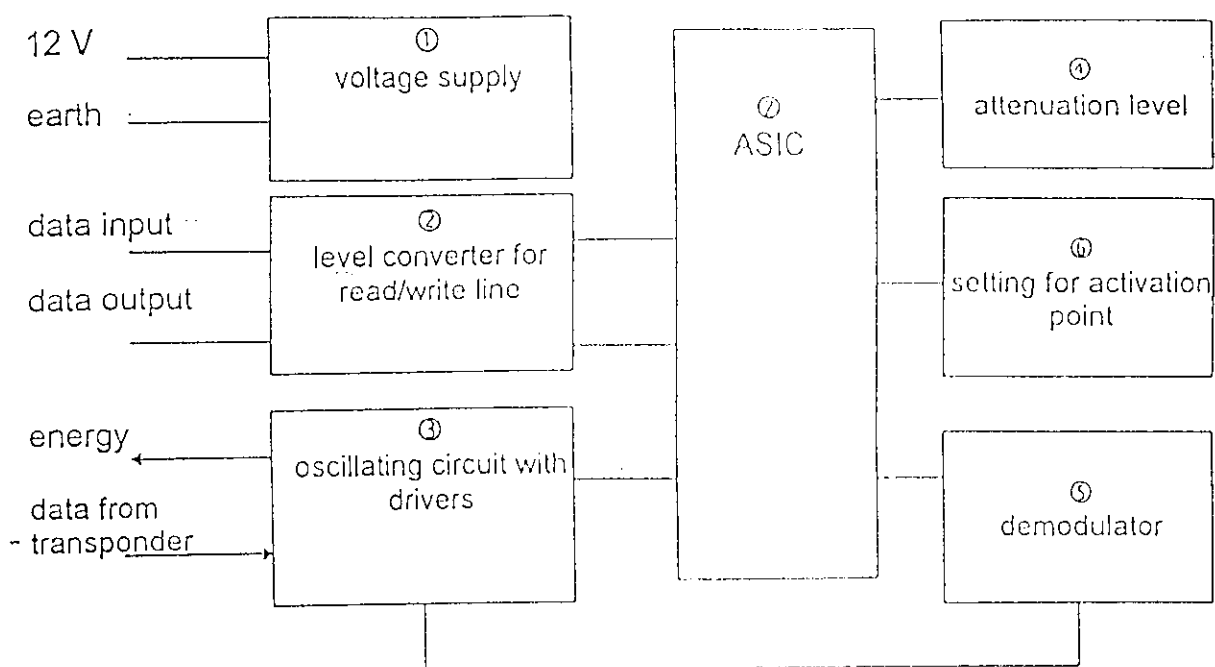




Terminal allocation

The pin designations for the external lines relate to the circuit diagram. The output is protected against short circuits.

M4_1	read line	(output)
M4_2	write line	(input)
M4_3	supply voltage	(input)
M4_4	earth	(input)

Technical specifications

		min.	type	max.	unit	remarks
read line	output voltage		12	16	V	
	output current			50	mA	R output = 50Ω
write line	input voltage		12	16	V	
	LOW switching threshold			3.0	V	
	HIGH switching threshold	3.5			V	
supply voltage		6.5	12	16	V	up to 27 V for approx. 1 min
input	in the open		115	120	mA	
	mounted on metal			110	mA	dependent on the surrounding
operating temperature		-40		+85	°C	
frequency	carrier	120	125	130	kHz	
	READ	2	2	4	kHz	dependent on transponder
	WRITE	1	1	2	kHz	dependent on transponder
modulation	Amplitude					