

BILD

Mastech 9803R  
McVoice M980T



# Messbereich

## Messbereiche

XXXX	V	A	OHM	Hz	F
AUTORANGE	0,4	0,004	400	10.000	
	4	0,040	4.000	100.000	0,000000040
	40	0,400	40.000	1.000.000	0,000000400
	400	4,000	400.000		0,000004000
	4000		4.000.000		0,000040000
			40.000.000	100	
				1000	

XXXXXXXXXX	V	A	OHM	Hz	F	Bereichskenner
FAKTOR	0,1	10	0,000100	0,000010	10000000	
1000000				10.000		6
100000	4.000	4.000	4.000	10.000		0
10000	4.000	4.000	4.000	10.000	4.000,000000000	1
1000	4.000	4.000	4.000	10.000	4.000,000000000	2
100	4.000	4.000	4.000		4.000,000000000	3
10	4.000		4.000		4.000,000000000	4
1			4.000	0,001		5

0000000 400mV,4mA,400ohm,10kHz,4nF  
 0000001 4V,40mA,4kohm,100kHz,40nF  
 0000010 40V,400mA,40kohm,1000kHz,400nF  
 0000011 400V,4000mA,400kohm,4uF  
 0000100 4000V,4Mohm,40uF  
 0000101 40Mohm,100Hz  
 0000110 1000Hz

# Protokoll1

M980T	128	64	32	16	8	4	2	1				
BYTE	8	7	6	5	4	3	2	1				
1	-	-	-	-	10	10	-	10				
2	-	-	-	-	10	10	10	10	0-9	ASC	1. Stelle	
3	-	-	-	-	10	10	10	10	0-9	ASC	2. Stelle	
4	-	-	-	-	10	10	10	10	0-9	ASC	3. Stelle	
5	-	-	-	-	10	10	10	10	0-9	ASC	4. Stelle	
6	-	-	-	-	10	10	10	10	* Bereich			
7	-	-	-	-								
8	-	-	-	-	10	10	10	10				
9	-	-	-	-	10	10	10	10				
10	-	-	-	-	1	0	1	0	CR	\$0A	10	
11	-	-	-	-	1	1	0	1	LF	\$0D	13	

9600

None

7

2

0

1

+/-

positiv

negativ

BAT

normal

low

OL

normal

Overload

1.Stelle 0-9

2.Stelle 0-9

3.Stelle 0-9

4.Stelle 0-9

Faktor

max

normal

Funktion

min

normal

Funktion

rel

normal

Funktion

hold

normal

Funktion

\*Bereich

0000=DC V

0001=AC V

0010=DC mA

0011=AC mA

0100=?

0101=Buzzer

0110=Diode

0111=ADP

1000=DC A

1001=AC A

1010=Hz

1011=?

1100=CAP

### 3-2. M9803R

Mode : 9600,n,7,2

Format : Ascii code and Hex Code

Total : 11 bytes

The serial data output twice on each A/D conversion cycle.

BYTE 1 : - - - +/- Batt - OL

+/- : 0 for positive, 1 for negative

Batt : 0 for normal, 1 for low battery

OL : 0 for normal, 1 for Over Range

BYTE 2 ~ 5 : Ascii code of measurement value (MSD ~ LSD)

BYTE 6 : Unit

0000000 DC V

0000001 AC V

0000010 DC mA

0000011 AC mA

0000100 Ohm

0000101 Buzzer

0000110 Diode

0000111 ADP

0001000 DC A

0001001 AC A

0001010 Hz

0001011

0001100 CAP

BYTE 7 : Range

0000000 400mV,4mA,400ohm,10kHz,4nF

0000001 4V,40mA,4kohm,100kHz,40nF

0000010 40V,400mA,40kohm,1000kHz,400nF

0000011 400V,4000mA,400kohm,4uF

0000100 4000V,4Mohm,40uF

0000101 40Mohm,100Hz

0000110 1000Hz

Diode : 4V range

Buzzer : 400ohm range

DC A and AC A : 40A range

BYTE 8 : Special Function I

- - - max min rel hold

0 for normal, 1 for the function

BYTE 9 : Special Function II

- - - mem auto manl apof

0 for normal, 1 for the function

BYTE 10 : CR (Carrage Return)

BYTE 11 : LF (Line Feed)