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Communication Protocol

KERN MPE / MTA / MWA

Version 1.0

2022-01

D

KERN CP_MPE/MTA/MWA



KERN Communication Protocol

MPE / MTA / MWA

Inhalt

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1 MPE / MTA

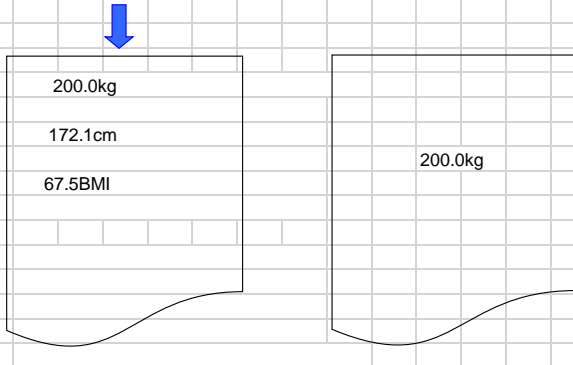
Baud Rate : 9600, N,8,1
 Receive Command : 1 Byte ASCII Code <50>="P" or <70>="p"

Format for stable values for weight/BMI																											
Byte	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
	S	T	<20>	<20>	<20>	<20/>	<20>	<20>	2	0	0	.	0	k	g	<CR>	<LF>										
	U	S	<20>	<20>	<20>	<20/>	<20>	<20>	2	0	0	.	0	k	g	<CR>	<LF>										

ST : stable
 US : unstable
 <+/-> : Symbol
 <CR> : Carriage Return
 <20> : Blank
 <LF> : Line feed

ASCII Code																											
Byte	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
	0D	0A																									
	53	54	20	20	20	20	20	20	32	30	30	2E	30	6B	67	0D	0A										
	55	53	20	20	20	2D	20	20	20	32	32	2E	32	6B	67	0D	0A										

Sample of data received by PC																											
Byte	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
						2	0	0	.	0	k	g															
						1	7	2	.	1	c	m															
						6	7	.	5	B	M	I															



Deutsch

2 MWA

Baud Rate : 9600,N,8,1

Receive Command : 1 Byte ASCII Code <50>="P" or <70>="p"

		Format for stable values for weight/BMI																									
Byte	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
	S	T	,	G	S	<20>	<20>	<20>	<20/->	<20>	<20>	2	0	0	.	0	k	g	<CR>	<LF>							
	U	S	,	N	T	<20>	<20>	<20>	<20/->	<20>	<20>	2	0	0	.	0	k	g	<CR>	<LF>							

- ST : stable
- US : unstable
- GS : gross weight
- NT : net weight
- <+/-> : Symbol
- <CR> : Carriage Return
- <20> : Blank
- <LF> : Line feed

		ASCII Code																									
Byte	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
	0D	0A																									
	53	54	2C	47	53	20	20	20	20	20	20	32	30	30	2E	30	6B	67	0D	0A							
	55	53	2C	4E	54	20	20	20	2D	20	20	20	32	32	2E	32	6B	67	0D	0A							

		Sample of data received by PC																									
Byte	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
	S	T	,	G	S							2	0	0	.	0	k	g									
	U	S	,	N	T							2	0	0	.	0	k	g									

ST,GS 200.0kg
US,NT 200.0kg