

## Instruction

The instructions show how to create a free message configuration by using the Excel template. The values of the excel sheet must be copied into the parameter ID34091 User list. The ID34091 User list must be configured offline. The type of the data must be hex. The configured user list is following transferred to the physical device.

- Execute the Excel file FreeConfiguration\_en.xlsx
- Copy the Excel sheet 'Template'
- Rename the sheet 'Template'
- Create your configuration, copy the necessary headers, receive messages and send messages together.
- All yellow fields must be filled with data.

Example Excel file

ID number / element		Name	Dec Value	Hex Value	Length in byte	Type
ID34091		User list 3	56		*2	hex
1		[maximum]	[1024]			
2		Mode message configuration	1	1	1	hex
3		Total of send messages	2	2	1	hex
4		CAN Identifier send messages 1	Input in hex	283	2	hex

## Execute AIPEX PRO

ID34091 'User list 3' is a 'System-internal parameter'. The parameter must be enabled for configuration.

ID	Name	Value	Unit	Length	Type	Remark
34091	User list 3	0		*2	Hex	

Parameter Selection: Anwenderliste3 ...

☐ All parameters  
☐ Single group  
☒ Own list

Positioning parameters  
Anwenderliste3 ,34091

System internal parameters

☒ display

Admit changes (password) **500591**

OK Cancel

Enter the list length. The list length is application-specific and must be adapted to the CAN configuration.  
(Click on the left mouse button, wait shortly and click again)

ID	Name	Value	Unit	Length	Type
34091	User list 3	56		*2	Hex

Click on the folder to open the User list 3

ID	Name	Value	Unit	Length	Type
34091	User list 3	56		*2	Hex
34091-1	[maximum]	1			
34091-2		0000			Hex
34091-3		0000			Hex
34091-4		0000			Hex

Copy data from Excel and paste into AIPEX PRO  
Start with the 'Length in byte'

Excel: Copy the column 'Length in byte'. Start with element 2.

ID number / element	Name	Dec Value	Hex Value	Length in byte	Type
ID34091	User list 3	56		*2	hex
1	[maximum]	[1024]			
2	Mode message configuration	1	1	1	hex
3	Total of send messages	2	2	1	hex
4	CAN Identifier send messages 1	Input in hex	283	2	hex

AIPEX PRO: Click into line element 2, column 'Length in byte'. Paste the data.

Parameter Selection: Anwenderliste3 ...						
ID	Name	Value	Unit	Length	Type	
34091	User list 3	56		*2	Hex	
34091-1	[maximum]	[1024]				
34091-2		00		1	Hex	
34091-3		00		1	Hex	1
34091-4		0000			Hex	

Excel: Copy the complete column 'Name'

ID number / element	Name	Dec Value	Hex Value	Length in byte	Type
ID34091	User list 3	56		*2	hex
1	[maximum]	[1024]			
2	Mode message configuration	1	1	1	hex
3	Total of send messages	2	2	1	hex
4	CAN Identifier send messages 1	Input in hex	283	2	hex

AIPEX PRO: Click into line element 2, column 'Name'. Paste the data.

Parameter Selection: Anwenderliste3 ...					
ID	Name	Value	Unit	Length	Type
34091	User list 3	56		*2	Hex
34091-1	[maximum]	[1024]			
34091-2	Mode message configuration	00		1	Hex
34091-3	Total of send messages	01		1	Hex
34091-4	CAN Identifier send messages 1	0000		2	Hex

Excel: Copy the complete column 'Hex Value'

ID number / element	Name	Dec Value	Hex Value	Length in byte	Type
ID34091	User list 3	56		*2	hex
1	[maximum]	[1024]			
2	Mode message configuration	1	1	1	hex
3	Total of send messages	2	2	1	hex
4	CAN Identifier send messages 1	Input in hex	283	2	hex

AIPEX PRO: Click into line element 2, column 'Value'. Paste the data.

Parameter Selection: Anwenderliste3 ...					
ID	Name	Value	Unit	Length	Type
34091	User list 3	56		*2	Hex
34091-1	[maximum]	[1024]			
34091-2	Mode message configuration	1		1	Hex
34091-3	Total of send messages	2		1	Hex
34091-4	CAN Identifier send messages 1	283		2	Hex

Log on to the physical device.  
Transfer the offline data to the device.