

USER Sequence FlexUser Access

Following, the FlexUser area is shown, which has a size of 20 or 128 bytes, depending on the controllerboard (HW, FW version). Except for the reserved bytes for controller-specific variables, this area is available for FlexUser variables and can be used freely. See other tabs for more information on how about to use it.

Total Flex User Vars (n)

20 / 128 Bytes

RAM Address	Access type		
	u08 / i08	u16 / i16	u32 / i32
Base+0	0	0	0
Base+1	1		
Base+2	2	1	
Base+3	3		
Base+4	4	2	1
Base+5	5		
Base+6	6	3	
Base+7	7		

Base+(n-8)	n-8	(n/2)-4	(n/4)-2
Base+(n-7)	n-7		
Base+(n-6)	n-6	(n/2)-3	
Base+(n-5)	n-5		
Base+(n-4)	n-4	(n/2)-2	(n/4)-1
Base+(n-3)	n-3		
Base+(n-2)	n-2	(n/2)-1	
Base+(n-1)	n-1		

FW Art.No.

128 Bytes Version
(others are 20 bytes)

190082	190056	190069	190103
>= 2.5-003	>= 2.0-002 < 3.0-000 >= 3.0-002	>= 3.1-001	>= 2.6-002 < 2.7-001 >= 2.7-002
K17a	K17c	K17e	
free to use	free to use	free to use	
	u8_Reserved		
	u8_CAN_Errors		
	i16_Din_SlopeCntp50ms		
u16_Ain0to24_8d86mVpE	u16_Ain0to24_8d86mVpE	u16_Ain0to24_8d86mVpE	

190145	190150	190097	190120	190142
>= 0.9-000	>= 0.9-000	>= 2.5-005	>= 2.5-005	>= 0.9-000
Controller type depending pre-allocation				
K17f	K17g	K11a	K11b	D17a
free to use	free to use	free to use	free to use	free to use
i16_Din_SlopeCntp50ms	i16_Din_SlopeCntp50ms	u16_Aout4to20mA_0d01mApE	u16_Aout0to10V_1mVpE	
u16_Ain4to20mA_0d01mApE	u16_Ain0to10v_1mVpE	u16_AinMagSns_0d806mVpE	u16_AinMagSns_0d806mVpE	
u8_CAN_Errors	u8_CAN_Errors	u16_Ain4to20mA_0d01mApE	u16_Ain0to10v_1mVpE	
u8_Reserved	u8_Reserved			