

EN

SEFB51x

Multi-Beam Safety Light Array



Interface Protocol

IO-Link SEFB51x

Vendor ID

Product	hex	dec	hex (Bytes)	dec (Bytes)
wenglor sensoric GmbH	0x0057	87	00 57	0 87

Device ID

Product	hex	dec	hex (Bytes)	dec (Bytes)
SEFB512	0x310000	3211264	31 00 00	49 0 0
SEFB513	0x311000	3215360	31 10 00	49 16 0
SEFB514	0x312000	3219456	31 20 00	49 32 0

IO-Link Version: V1.1
Data Storage: No
Blockparameter: No
MinCycletime: 4,5 ms
SIO-Mode: No
COM-Mode: COM2
ISDU: Yes
Process data In (Device to Master): 8 Bytes
Process data Out (Master to Device): —

Processdata (Length: 8 Byte)

Name	Byte	Length	Range	Unit
Reserve	0...6	7 Byte	0...255	—
Device State	7	1 Byte	0...255: 0: normal Operation 1: parametrization PushButton (directly on the sensors) 2: parametrization IO-Link ≤ 10: Error Number	—

Parameter

Name	Index (hex)	Index (dec)	Sub-index	R/W	Length	Data Storage	Dynamic	Modify others	Default Value	Range
Identification										
Vendor Name	0x0010	16	0	RO	String				wenglor sensoric GmbH	
Vendor Text	0x0011	17	0	RO	String				the innovative family	
Product Name	0x0012	18	0	RO	String				SEFB51x	
Product ID	0x0013	19	0	RO	String				SEFB51x	
Product Text	0x0014	20	0	RO	String				Multi-Beam Safety Light Array	
Serial Number	0x0015	21	0	RO	String				—	
SAP Number	0x0042	66	0	RO	String [10]				—	
System Revision	0x0043	67	0	RO	String [2]				—	
Hardware Revision	0x0016	22	0	RO	String				—	
Firmware Revision	0x0017	23	0	RO	String				—	
Application Specific Name	0x0018	24	0	RW	String [32]				***	
Parameter										
Device Settings										
System Command	0x0002	2	0	WO	UInt8			X	—	Factory Reset = 0x82 (130)
Device Access Locks	0x000C	12	0	RW	UInt16				0x0000	0...1: Bit 0: Parameter write access locked
Password Entry	0x0040	64	0	WO	UInt16				0	0...9999
Parameterization End	0x0041	65	0	RW	UInt8				0	0...2: 0: No 1: Save + Restart 2: Cancel + Restart
Password Change	0x0100	256	0	RW	UInt16				0...9999	0...9999
Identification	0x0101	257	0	RO	UInt16				3	0...65535
Basic Settings										
Code (Beam Coding)	0x0103	259	0	R/W	UInt8				0	0: Off 1: On
High Range	0x0104	260	0	R/W	UInt8				1	0: Off 1: On