

EN

SEFG5xx

Safety Light Curtains



Interface Protocol

IO-Link SEFG5xx

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)
Finger protection				
SEFG531	0x320000	3276800	32 00 00	50 0 0
SEFG532	0x321000	3280896	32 10 00	50 16 0
SEFG533	0x322000	3284992	32 20 00	50 32 0
SEFG534	0x323000	3289088	32 30 00	50 48 0
SEFG535	0x324000	3293184	32 40 00	50 64 0
SEFG536	0x325000	3297280	32 50 00	50 80 0
SEFG537	0x326000	3301376	32 60 00	50 96 0
SEFG538	0x327000	3305472	32 70 00	50 112 0
SEFG539	0x328000	3309568	32 80 00	50 128 0
SEFG540	0x329000	3313664	32 90 00	50 144 0
SEFG541	0x32A000	3317760	32 A0 00	50 160 0
SEFG542	0x32B000	3321856	32 B0 00	50 176 0
Hand protection				
SEFG511	0x320800	3278848	32 08 00	50 8 0
SEFG512	0x321800	3282944	32 18 00	50 24 0
SEFG513	0x322800	3287040	32 28 00	50 40 0
SEFG514	0x323800	3291136	32 38 00	50 56 0
SEFG515	0x324800	3295232	32 48 00	50 72 0
SEFG516	0x325800	3299328	32 58 00	50 88 0
SEFG517	0x326800	3303424	32 68 00	50 104 0
SEFG518	0x327800	3307520	32 78 00	50 120 0
SEFG519	0x328800	3311616	32 88 00	50 136 0
SEFG520	0x329800	3315712	32 98 00	50 152 0
SEFG521	0x32A800	3319808	32 A8 00	50 168 0
SEFG522	0x32B800	3323904	32 B8 00	50 184 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):	—

Process Data (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				SEFG5xx	
Product ID	0x0013	19	0	RO	String				SEFG5xx	
Product Text	0x0014	20	0	RO	String				Safety Light Curtains	
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	Uin16				0...9999	0...9999
Identification	0x0101	257	0	RO	Uin16				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				0	0: Off 1: On