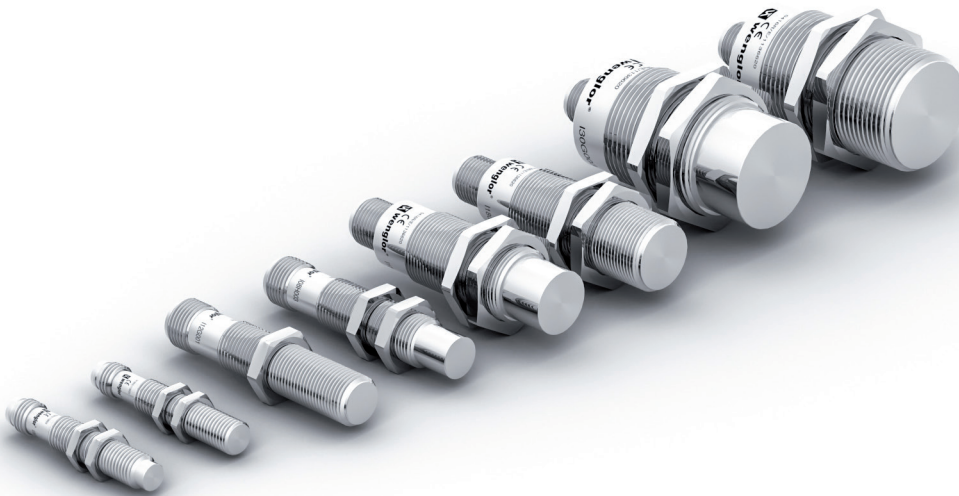


I18G00x

Inductive Sensors with Full-Metal Housing



Interface Description

Subject to change without notice
Available as PDF version only
Version: 1.0.0
Status: 02.11.2023
www.wenglor.com

IO-Link I18G00x

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)
I18G001	0x27DA01	2611713	27 DA 01	39 218 1
I18G002	0x27DA02	2611714	27 DA 02	39 218 2
I18G003	0x27DA03	2611715	27 DA 03	39 218 3
I18G004	0x27DA04	2611716	27 DA 04	39 218 4
I18G005	0x27DA05	2611717	27 DA 05	39 218 5
I18G006	0x27DA06	2611718	27 DA 06	39 218 6

IO-Link Version:	V1.1
Parameter Server / Data Storage:	No
Blockparameter:	No
MinCycletime:	3,9 ms
SIO-Mode:	Yes
COM-Mode:	COM2
ISDU:	No
Process data In (Device to Master)	2 Bit
Process data Out (Master to Device)	-

Process data (Length: 16 Bit)

Name	Bit Offset	Data Type	Range
Object presence	0	1 Bit	0 = false = no object 1 = true = object detected
Error Indication	1	1 Bit	0 = false = no error 1 = true = error detected

Parameter

Name	Index (hex)	Index (dec)	Sub-index	Used bits	R/W	Data type	Data Storage	Dynamic	Modify others	Default value	Range
Identification											
Direct Parameters 1. Vendor ID 1	0x0000	0	8		R	UInt8				0	
Direct Parameters 1. Vendor ID 2	0x0000	0	9		R	UInt8				87	
Direct Parameters 1. Device ID 1	0x0000	0	10		R	String				-	
Direct Parameters 1. Device ID 2	0x0000	0	11		R	String				-	
Direct Parameters 1. Device ID 3	0x0000	0	12		R	String				-	
Parameter											
Write parameters to FTP	0x0001	1	16	0...8	R/W	UInt8				0 = Off	0 = No Action 146 = Write
A1 Function	0x0001	1	3	2	R/W	bool				0 = NO	0 = NO 1 = NC
A2 Function*	0x0001	1	3	5...6	R/W	UInt2				0 = Antivalent	0 = Antivalent 1 = Error Output (NC) 2 = Error Output (NO) 3 = No Output
Output Mode A1	0x0001	1	3	3...4	R/W	UInt2				1 = PNP for I18G001/ I18G002/I18G003/ I18G004 2 = NPN for I18G005/ I18G006	1 = PNP 2 = NPN

* Parameter available only for I18G002/I18G004