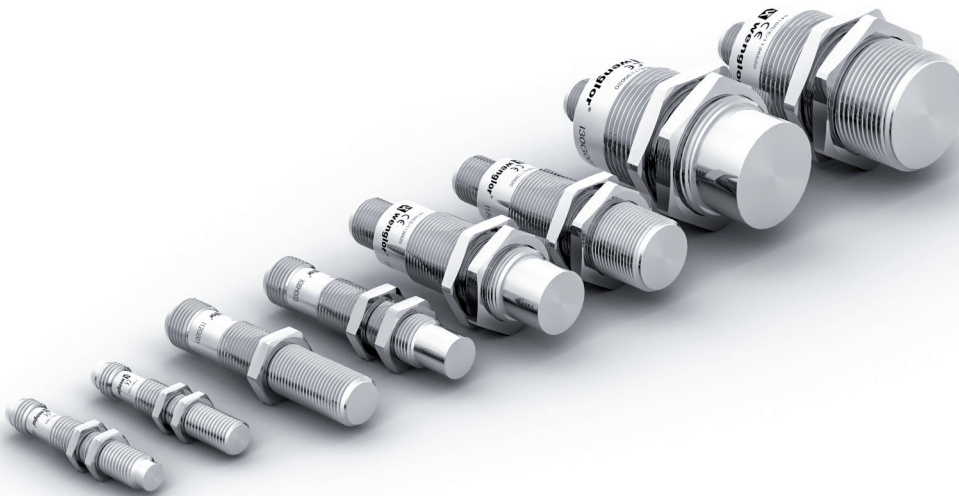


I30G00x

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 I30G00x

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)
I30G001	0x27E601	2614785	27 E6 01	39 230 1
I30G002	0x27E602	2614786	27 E6 02	39 230 2
I30G003	0x27E603	2614787	27 E6 03	39 230 3
I30G004	0x27E604	2614788	27 E6 04	39 230 4
I30G005	0x27E605	2614789	27 E6 05	39 230 5
I30G006	0x27E606	2614790	27 E6 06	39 230 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

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 I30G001/ I30G002/I30G003/ I30G004 2 = NPN for I30G005/ I30G006	1 = PNP 2 = NPN

* Parameter available only for I30G002/I30G004