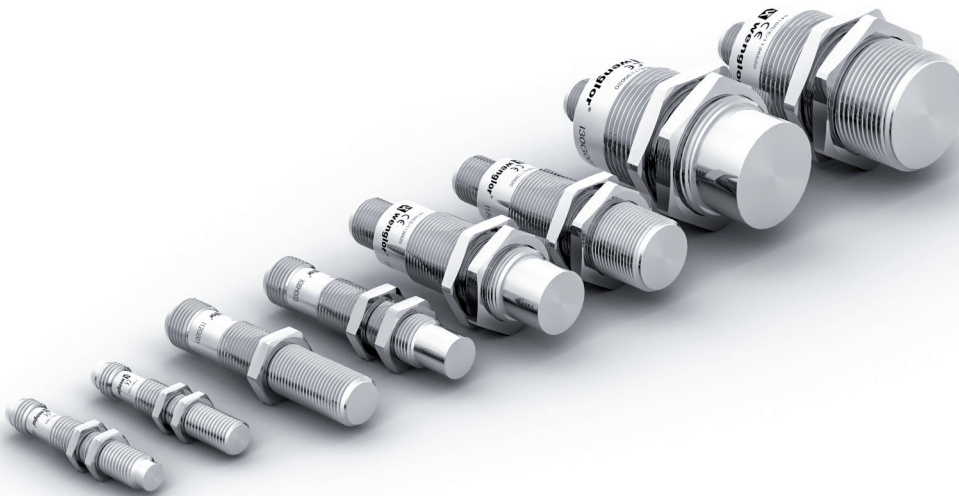


I08G00x

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 I08G00x

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)
I08G001	0x27D001	2609153	27 D0 01	39 208 1
I08G002	0x27D002	2609154	27 D0 02	39 208 2
I08G003	0x27D003	2609155	27 D0 03	39 208 3
I08G004	0x27D004	2609156	27 D0 04	39 208 4
I08G005	0x27D005	2609157	27 D0 05	39 208 5
I08G006	0x27D006	2609158	27 D0 06	39 208 6
I08G007	0x27D007	2609159	27 D0 07	39 208 7
I08G008	0x27D008	2609160	27 D0 08	39 208 8

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 for I08G001/ I08G003/I08G00/ I08G007 1= NC for I08G002/ I08G004/I08G006/ I08G008	0 = NO 1 = NC
Output Mode A1	0x0001	1	3	3..4	R/W	UInt2				1 = PNP for I08G001/ I08G002/I08G003/ I08G004 2 = NPN for I08G005/ I08G006/I08G007/ I08G008	1 = PNP 2 = NPN