

Air gap vs. Module, for steel gear.

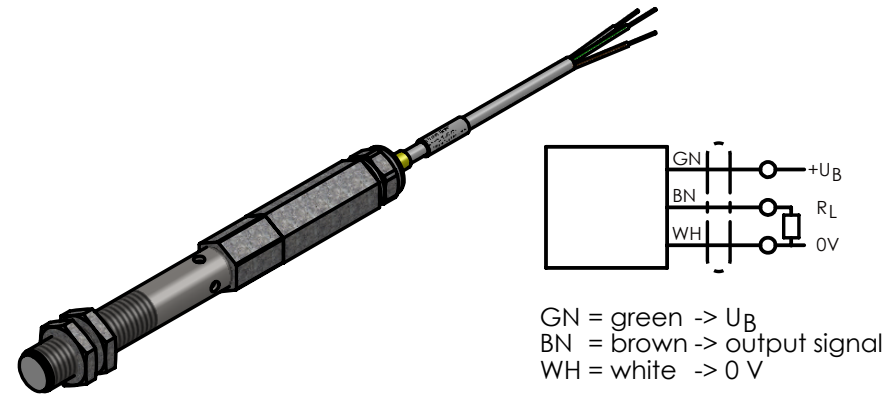
Air Gap a(mm)	Minimum surface speed (m/s)		
	Module 3	Module4	Module6
0,5	X	ok	ok
1	X	ok	ok
1,5	X	ok	ok
2	ok	ok	ok
2,5	ok	ok	ok
3	X	X	ok
3,5	X	X	X
4	X	X	X

DIA00001

This data is valid for the complete frequency range.

Technical Data

Supply voltage typ.	+10...32 V DC
< +10 V DC	undefined work
> +32 V DC	destroyed
Output current	max. 180 mA
Output signal	PNP
Polarity protection	yes
Short circuit protection	yes
Funktion	N.O.
Mounting distance to gear	depends on module (see diagram DIA00001)
Frequency range typ.	0 Hz...1 kHz
Operating temperature	-25 °C...+85 °C
Operating temperature max.	-25 °C...+85 °C
Storage temperature system	-40 °C...+85 °C
EMC-Cable gland housing	Nickel-plated brass
Cable gland insert	TPE-V
Sensor housing	1.4305 (AISI 303)



GN = green -> U<sub>B</sub>  
 BN = brown -> output signal  
 WH = white -> 0 V

FGL01364-1K-1	12m	525g
FGL01364-1K	5m	270g
Typ	L	Weight

Technische Änderungen am Fremd-/Kaufteilen nur durch vorherige Genehmigung. Technical modifications to third party or purchased parts require our prior permission.			Maßstab/Scale 1:1		Masse/Weight: 270.00 g												
<b>Alle Rechte vorbehalten. Dokument darf ohne Zustimmung weder vervielfältigt, noch Dritten zugänglich gemacht, noch in anderer Weise missbräuchlich verwertet werden. Schutzvermerk ISO 16016 ist gültig.</b> <b>All rights reserved. Document may not be reproduced or disclosed to a third party or used for any other purpose without our written consent - Protection notice ISO 16016 is valid.</b>			Freimaßtoleranzen nach DIN 2768m	Oberflächenangaben nach DIN 1302	Werkstoff/Material: Halbzug/Semifinished: <h1>Inductive Sensor</h1>												
			General Tolerance acc. DIN 2768m	Surface Specification acc. DIN 1302													
Form- und Lage-Toleranz nach DIN 1101 Geometric Tolerance per DIN 1101				metrisch/metric													
<table border="1"> <tr> <th>Datum/Date</th> <th>Name</th> </tr> <tr> <td>Erstellt Constr.</td> <td>07.06.2013 Fischer</td> </tr> <tr> <td>Geprüft Verified</td> <td>28.06.2013 Schmied</td> </tr> </table>			Datum/Date	Name	Erstellt Constr.	07.06.2013 Fischer	Geprüft Verified	28.06.2013 Schmied	<table border="1"> <tr> <td colspan="2"> </td> <td>           Dr. E. Horn GmbH            D-71101 Schoenaich            Germany         </td> </tr> </table>					Dr. E. Horn GmbH D-71101 Schoenaich Germany			
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