

Air gap vs. Module, for steel gear.

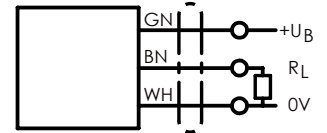
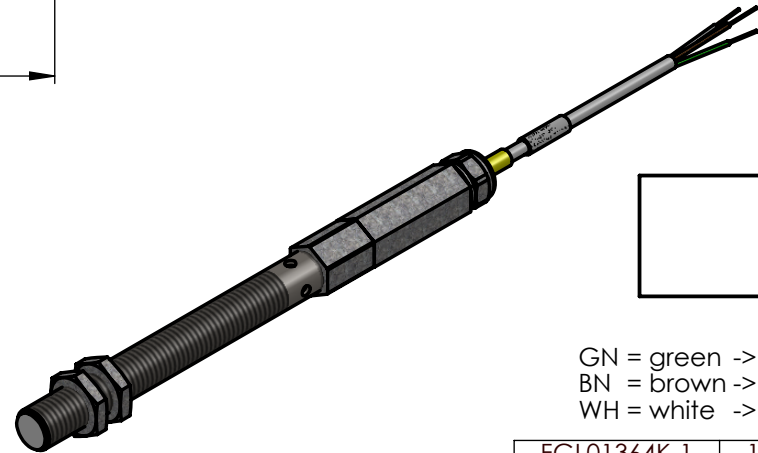
Air Gap a(mm)	Minimum surface speed (m/s)		
	Module 3	Module4	Module6
0,5	X	ok	ok
1	X	ok	ok
1,5	X	ok	ok
2	ok	ok	ok
2,5	ok	ok	ok
3	X	X	ok
3,5	X	X	X
4	X	X	X

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	0 Hz...1 kHz
Operating temperature typ.	-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_B
 BN = brown -> output signal R_L
 WH = white -> 0 V

FGL01364K-1	12m	545g
FGL01364K	5m	290g
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: 290.00 g
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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.		Form- und Lage-Toleranz nach DIN 1101 Geometric Tolerance per DIN 1101	metrisch/metric	Halbzeug/Semifinished:
		Datum/Date	Name	Inductive Sensor
		Erstellt Constr.	07.06.2013 Fischer	
		Geprüft Verified	26.08.2013 Schmied	
		Dr. E. Horn GmbH D-71101 Schoenaich Germany		FGL01364 ...
Änderung/Revision Datum/Date Name		CAD.: FGL1364C		A4 Blatt 1 Sheet