

# FGR3

## ROTARY GEAR LIMIT SWITCH

### Technical data

Case	thermoplastic glass fiber reinforced
Ratio	1:8 ... 1:3572
Direct ratio	-
Protection class	IP66
Shaft type	- stainless steel AISI 304 mounted on ball bearings - double overhang shaft version available
Fixing type	base
Microswitches	up to 8
Cam block	self-lubricating with transparent support for easier cam viewing
Cable entry	M20 (up to 3)
Temperature	- operating: -25 ... +85°C - storage: -40 ... +90°C
Options	- 5 cam shape options - 20 pinion options
Marking	CE, CCC, EAC, UKCA



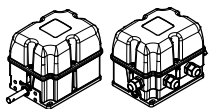
#### ATTENTION

The limit switches FGR3 are available only in configuration on request. For this reason, the models illustrated here may not correspond to the one in your possession.

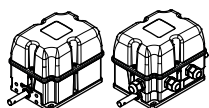
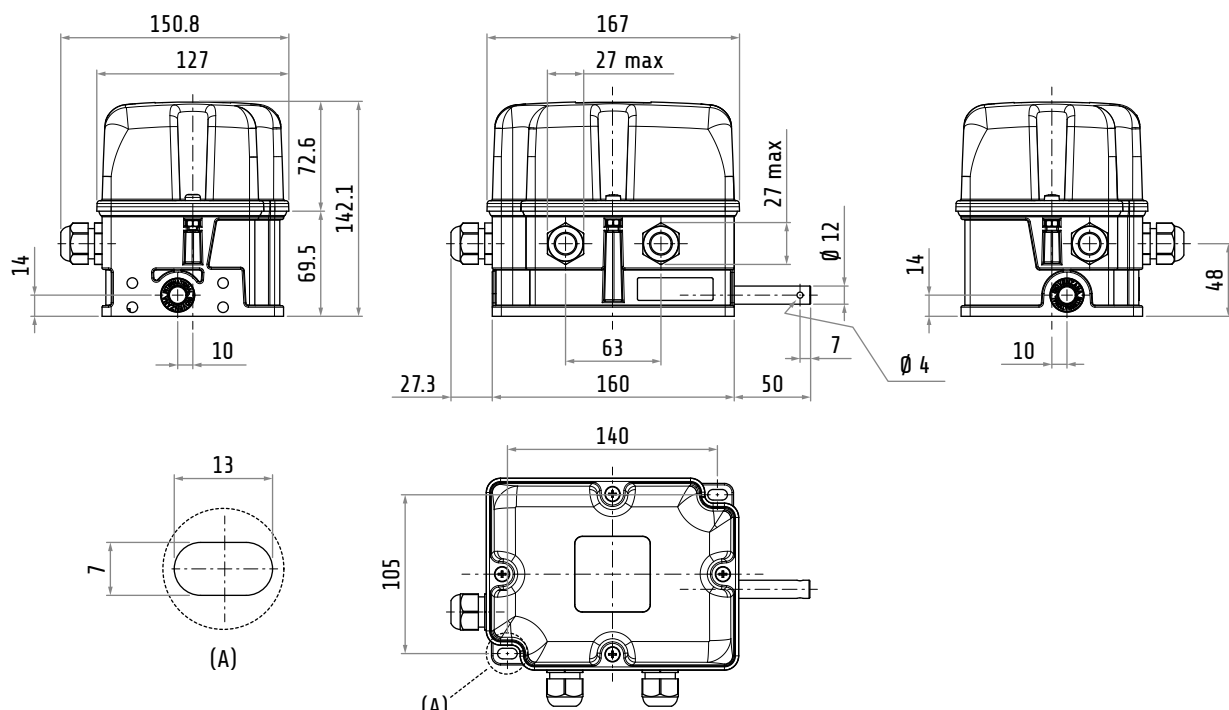
### Microswitch technical data

Operating temperature		-25 ... +85°C
Minimum life expectancy	mechanical	one million of cycles
	electrical	half million of cycles
Rated thermal current	I <sub>th</sub>	8 A
Rated insulation voltage	U <sub>i</sub>	250 V
Rated impulse withstand voltage	U <sub>imp</sub>	1500 V
Rated operating current	I <sub>e</sub>	resistive load
		inductive load
		8 A - 250 V
		3 A - 250 V
Pollution degree		2
Protection against electric shock		class II

## Dimensions



**Base fixing**



**Double shaft**

