

## Выключатель путевой Giovenzana FAG139Z11 IP67

### Технические характеристики продукта:

Корпус: металл (сплав zamack).

Операционная голова: рычаг регулируемой длины на металлическом основании с пружинным возвратом, оснащенный роликом из термопласта.

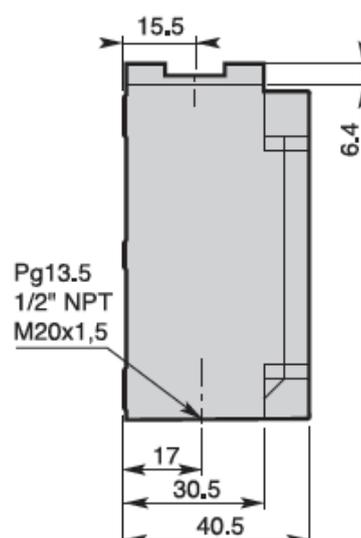
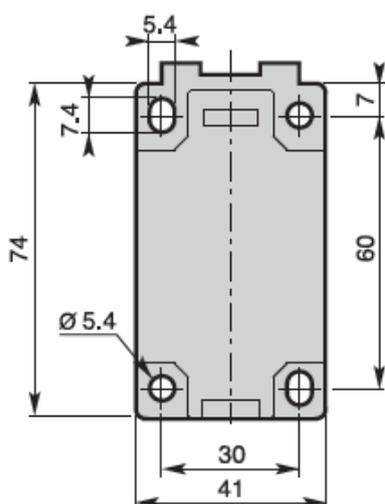
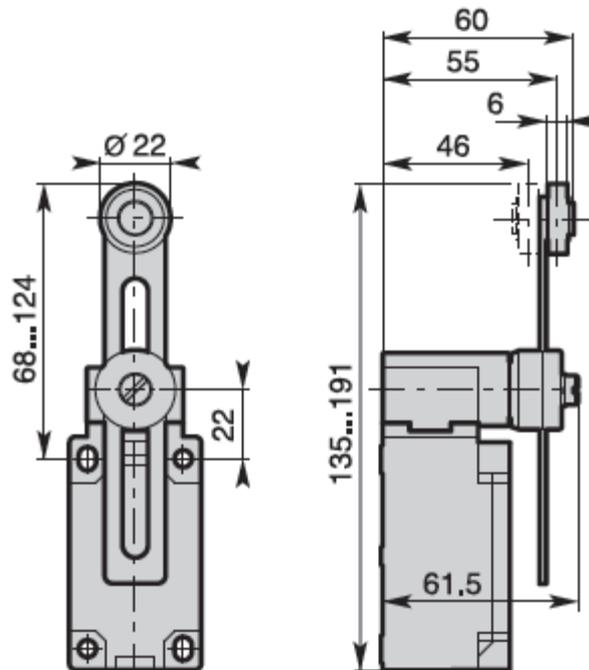
Контакты: 1NO+1NC мгновенного срабатывания.

Степень защиты: IP66

Кабельный ввод снизу M20x1,5

Температура эксплуатации: -25°C...+70°C.

Механическая и электрическая прочность: не менее 1 млн. циклов.



## General Technical Data

<b>Standards</b>	<b>Plastic Casing</b>	
	Devices conform with international IEC 60947-5-1 and European EN 60947-5-1 standards	
<b>Certifications - Approvals</b>	UL - CSA - IMQ - EAC	
<b>Air temperature</b> near the device		
– during operation	°C	– 25 ... + 70
– for storage	°C	– 30 ... + 80
<b>Climatic withstand</b>	According to IEC 60068-2-3 and salty mist according to IEC 60068-2-11	
<b>Mounting positions</b>	All positions are authorised	
<b>Shock withstand</b> (according to IEC 60068-2-27 and EN 60068-2-27)	50g* (1/2 sinusoidal shock for 11 ms) no change in contact position	
<b>Resistance to vibrations</b> (acc. to IEC 60068-2-6 and EN 60068-2-6)	25g (10 ... 500 Hz) no change in position of contacts greater than 100 µs	
<b>Protection against electrical shocks</b> (acc. to IEC 60536)	Class II	
<b>Degree of protection</b> (according to IEC 60529 and EN 60529)	IP 65	
<b>Consistency (measured over 1 million operations)</b>	0.1 mm (upon closing point)	
<b>Minimum actuation speed</b>	m/s	Slow action contacts 0.060 / Snap action contacts 0.001

## Electrical Data

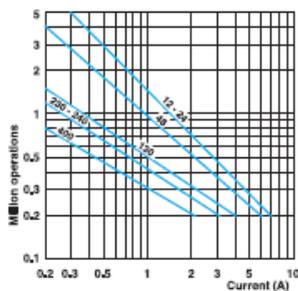
<b>Rated insulation voltage <math>U_i</math></b> - according to IEC 60947-1 and EN 60947-1 - according to UL 508 and CSA C22-2 n° 14	500 V (degree of pollution 3) (400 V for contacts type Z02, X12P, X21P, W03P) A 600, Q 600 (A 300, Q 300 for contacts type X12P, X21P, W03P)	
<b>Rated impulse withstand voltage <math>U_{imp}</math></b> (according to IEC 60947-1 and EN 60947-1)	kV	6 (4kV for contacts type X12P, X21P, W03P)
<b>Conventional free air thermal current <math>I_{th}</math></b> (according to IEC 60947-5-1) $\theta < 40$ °C	A	10
<b>Short-circuit protection</b> $U_g < 500$ V a.c. - gG (gl) type fuses	A	10
<b>Rated operational current</b> $I_g$ / AC-15 (according to IEC 60947-5-1)	24 V - 50/60 Hz A 120 V - 50/60 Hz A 400 V - 50/60 Hz A	10 6 4
$I_g$ / DC-13 (according to IEC 60947-5-1)	24 V - d.c. A 125 V - d.c. A 250 V - d.c. A	6 0.55 0.4
<b>Switching frequency</b>	Cycles/h	3600
<b>Load factor</b>		0.5
<b>Resistance between contacts</b>	mΩ	25
<b>Connecting terminals</b>	M3.5 (+, -) pozidriv 2 screw with cable clamp (M3 for 3 poles contacts type)	
<b>Terminal for protective conductor</b>	-	
<b>Connecting capacity</b>	1 or 2 x mm <sup>2</sup>	0.75 ... 2.5 (0.34... 1.5 for 3 poles contacts type)
<b>Terminal marking</b>	According to IEC 60947-5-1	
<b>Mechanical durability</b>	Millions of operations	15 } AP•T { 10...12; 30...34; 38 10 } DP•T { 13; 41...48; 51...55; 61...75 >5 } { 14; 35; 36; 39; 91...93; 98 30 } BP•H { 11...13; 31...33 25 } { 41...44; 51...54; 61...75 10 } { 14; 19; 35...37; 91...93
<b>Electrical durability</b> (according to IEC 60947-5-1)	Utilization categories AC-15 and DC-13 (Load factor of 0.5 according to curves below)	

\* except for AP/DP•T42, T52, T5200, T55 and T5500: 25 g.

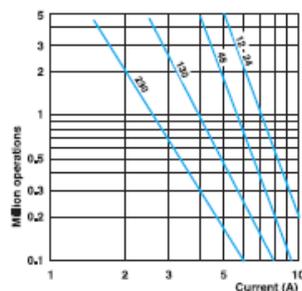
IMQ listed values

For the complete list of approved products, contact our technical department

### AC-15 - Snap action



### AC-15 - Slow action



DC-13	Snap action	Slow action
	Power breaking for a durability of 5 million operating cycles	
Voltage 24 V	9.5 W	12 W
Voltage 48 V	6.8 W	9 W
Voltage 110 V	3.6 W	6 W