GEEPLUS Push Pull Solenoid size 191

Device drawn in energised condition
plunger options: conical (191C) / flat (191F)
Life Expectancy (cycles): >2M (-P)

Available mechanical options:
M: metric thread
F: SAE thread

Mass 27g
Plunger 4g
Leadwires 28AWG, UL1430

stroke (inch)

force / stroke 191C

force / stroke 191F

response time 191C

stroke (mm)

stroke (mm)

stroke (mm)

Data at 20°C, device connected to heatsink 50x50x3mm aluminum

duty cycle = \frac{\text{on time}}{\text{on time} + \text{off time}} \times 100\%

Max. "on" time in seconds
watts at 20°C
ampsere-turns at 20°

AWG no. | resistance Ω±10% (at 20°C) | number of Turns | volts DC
---|---|---|---
30 | 4.0 | 288 | 4.1 | 5.7 | 8.0 | 12.1
31 | 5.6 | 324 | 5.0 | 7.1 | 9.9 | 15.8
32 | 9.1 | 544 | 6.3 | 8.9 | 12.4 | 19.7
33 | 15.0 | 684 | 8.0 | 11.3 | 15.7 | 25
34 | 24.1 | 840 | 10.2 | 14.4 | 20 | 32
35 | 37.1 | 1056 | 12.8 | 18.1 | 25 | 40
36 | 58.5 | 1109 | 16.1 | 23 | 32 | 50
37 | 75.7 | 1370 | 19.8 | 28 | 39 | 62
38 | 118 | 1761 | 25 | 35 | 49 | 78
39 | 199 | 2283 | 33 | 46 | 54 | 103
40 | 328 | 4200 | 42 | 59 | 82 | 131

Insulation Resistance >100MΩ, 500VDC Megger
Dielectric Strength 1000VAC, 50/60Hz, 1 minute
Class E (120°C) insulation class

Geeplus reserves the right to change specifications without notice

www.geeplus.com