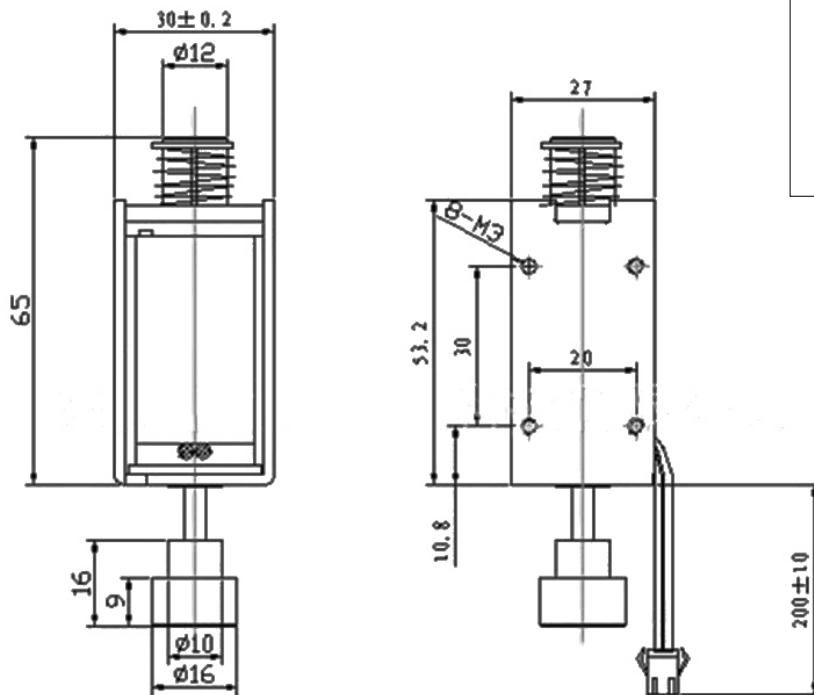


OPEN FRAME SOLENOID ELECTROMAGNET SCM5327L24



1. Working environment temperature and humidity: $-10^{\circ}\text{C}\sim 50^{\circ}\text{C}$ 5%–95% RH
2. Storage environment temperature and humidity: $-30^{\circ}\text{C}\sim 60^{\circ}\text{C}$ 5%–95% RH
3. Insulation resistance: $100\text{M}\Omega$ DC500V(between coil and skeleton)
4. Resistance voltage: 1sec@AC1200V 5mA(between coil and shell)
5. Insulation grade: B (130°C)
6. Power consumption: 11.9W (customizable)
7. Operating voltage range: DC24V $\pm 10\%$ (customizable)
8. Stroke – suction: initial force $\geq 350\text{gf}$ no power, maintain force $\geq 1.5\text{kgf}$
(vertical placement, load down)
9. Life: $\geq 500,000$ times (DC24V 1s on and off 1s once, one hour, no load)
10. Temperature rise: $\leq 75^{\circ}\text{C}$ (DC24V on 1s off 1s once, one hour, 100% power, no-load)
11. Environmental protection: compliant with EU 2020/95/EC(ROHS)
12. Lead strength: $\leq 0.5\text{kgf}$ –30s, the lead is normal
13. Power input polarity: red wire is connected to the positive pole, black wire is connected to the negative pole, push rod suction. : Red wire is connected to the negative pole, black wire is connected to the positive pole, push rod reset.

(The specification parameters in the above table are horizontally placed at the room temperature of $20\sim 25^{\circ}\text{C}$, relative humidity of $65\%\text{RH} \pm 5\%$, 1 standard atmospheric pressure)