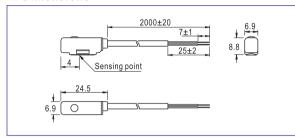
DS1-M Series



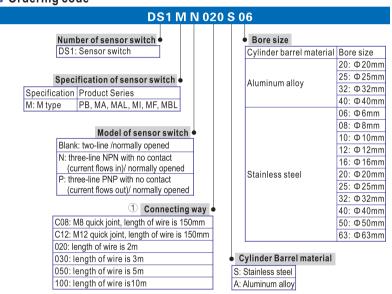
Dimensions



Specification

| Item\Type | | DS1-M | DS1-MN | DS1-MP | |
|----------------------------|---------|--|---------------------------------|----------|--|
| Switch logic | | Transistor without contact, Normally opened type | | | |
| Switch type | | Two lines type | NPN type | PNP type | |
| Operating voltage(V) | | 10~28V DC | 5~30V DC | | |
| Max. Switching current(mA) | | 50 | 200 | | |
| Switching rating(W) | | Max. 1.4 | Max. 6 | | |
| Current consumption | | 12(40)uA Max. @24V | 15mA Max. @24V | | |
| Voltage drop | | 2.65V Max. @50mA DC | 0.5V Max. @200mA DC | | |
| Cable | | Φ3.3,2C Black oil resistant PVC | Ф3.3,3C Black oil resistant PVC | | |
| Indicator | | Red LED | | | |
| Leakage current | | 20(90)uA Max. @28V | 0.01mA Max. | | |
| Sensitivity (Gauss) | S06~S10 | 25~700 | 45~55 | | |
| | S12~S16 | 25~700 | 55~65 | | |
| | S20~S63 | 25~700 | 65~75 | | |
| | A20~A40 | 25~700 | 65~75 | | |
| Max. Frequency(Hz) | | 1000 | | | |
| Shock(m/s²) | | 500 | | | |
| Vibration(m/s²) | | 90 | | | |
| Temperature range(°C) | | -10~70 | | | |
| Enclosure classification | | IP67(NEMA6) | | | |
| Protection circuit | | Power reverse polarity, surge suppression | | | |

Ordering code



① Note: The quick joint that is attached at the end of wire is three-needle-male joint-linear-rotary screw thread type. The female joint plug has to be ordered additionally. Please refer to P480 for the specific data.

■ Mounting

| Installation example | Installation method |
|---|--|
| Sensor switch Body Fastening Band unit | No additional accessories are necessary for the sensor switch of DS1-M, DS1-MN, DS1-MP series. It can be directly fixed onto the cylinder, which is convenient and fast. 1. Strap band round the cylinder barrel. Snap the clamping screw into button orifice and adjust it to the proper position. Properly tighten the clamping screw to fix. |





