



SW series operates under wide temperature range and achieves a wide operation distance to a target. Various types of target magnet are ready for each application demand. IP68 pressure-resistant (0.49MPa) housing type is optionally available.

SPECIFICATIONS :

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|-----------------------|--|
| Operation Distance | 200mm max. (depend on target magnet) |
| Sensitivity | N-pole or S-pole : $2\pm 0.5\text{mT}$ or N-pole : $1.25\pm 0.25\text{mT}$ or S-pole : $1.25\pm 0.25\text{mT}$ |
| Sensing objects | Magnet MG-101, MG-102a, MG-103, MG-104, etc. |
| Protection | IP67 or IP68 (IEC) |
| Supply voltage | +12 VDC $\pm 5\%$, ripple (p-p) 1% max. or +24 VDC $\pm 5\%$, ripple (p-p) 1% max. |
| Output | NPN Transistor Open Collector Normally open Applicable voltage 30V max. Sink current 100mA max. |
| Response time | 0.2ms |
| Operation Temperature | IP67 type : -20°C to 80°C (with no icing or condensation) or IP68 type : -40°C to 80°C (with no icing or condensation) |