

| Technical specifications | | RZN1- | 05ZRS-KPO | 05ZRS-KRD | 05ZRS-KUO | | | | | | | | |
|---|---|-------|-----------|-----------|-----------|--|--|--|--|--|--|--|--|
| Sensing face | Centre | | | | | | | | | | | | |
| Electrical configuration | AC/DC 3-wire | | | | | | | | | | | | |
| Supply voltage V_s | AC/DC 10 ... 30 V | | | | | | | | | | | | |
| Max. switching power | 10 W/VA | | | | | | | | | | | | |
| Continuous current I _g DC/AC | ≤ 500 mA / ≤ 300 mA | | | | | | | | | | | | |
| Switch on delay | Approx. 1.0 ms | | | | | | | | | | | | |
| Time delay off | Approx. 0.5 ms | | | | | | | | | | | | |
| Hysteresis H typ. | < 0.7 mT | | | | | | | | | | | | |
| Repeatability R | ≤ 0.1 mm (U _b and T _a constant) | | | | | | | | | | | | |
| EMC | According to EN 60947-5-2 | | | | | | | | | | | | |
| Switching output | Reed | | | | | | | | | | | | |
| Output function | Normally open | | | | | | | | | | | | |
| Connection type | Cable with plug, M8, 3-pin, PUR, 0.24 m | | | | | | | | | | | | |
| | Cable with plug, M8, 3-pin, w. knurled screws, PUR, 0.5 m | | | | | | | | | | | | |
| | Cable, PUR, 2 m | | | | | | | | | | | | |
| Enclosure rating | IP 67 ¹⁾ | | | | | | | | | | | | |
| Max. switching frequency | 500 Hz | | | | | | | | | | | | |
| Shock/vibration stress | 30 g, 11 ms/10 ... 55 Hz, 1 mm | | | | | | | | | | | | |
| Ambient temperature T _a | -25 °C ... +75 °C | | | | | | | | | | | | |
| Housing material | PA12 | | | | | | | | | | | | |

¹⁾ according to EN 40050

| Ordering information | |
|----------------------|-----------|
| Type | Order no. |
| RZN1-05ZRS-KPO | 1 022 056 |
| RZN1-05ZRS-KRD | 1 022 939 |
| RZN1-05ZRS-KUO | 1 022 055 |