

Technical specifications		RZT6-	03ZRS-KPO	03ZRS-KQO	03ZRS-KRO	03ZRS-KWO							
Sensing face	Centre												
Electrical configuration	AC/DC 3-wire												
Supply voltage V_s	AC/DC 10 ... 30 V												
Max. switching power	6 W/VA												
Response sensitivity	3 mT												
Voltage drop U_d	≤ 2.5 V												
Power consumption	≤ 10 mA ¹⁾												
Continuous current I_a	≤ 500 mA												
Switch on delay	Approx. 1.5 ms												
Time delay off	Approx. 0.5 ms												
Hysteresis H typ.	> 0.5 mT												
Repeatability R	≤ 0.1 mT (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, 0.3 m												
	Cable with plug, M12, 3-pin, PUR, 0.3 m												
	Cable with plug, M8, 3-pin, w. knurled screws, PUR, 0.5 m												
	Cable, PVC, 2 m												
Enclosure rating	IP 68 ²⁾												
Max. switching frequency	400 Hz												
Wire-break protection	✓												
Short-circuit protection	✓ ³⁾												
Reverse polarity protection	✓												
Power-up pulse suppression	✓												
Shock/vibration stress	30 g, 11 ms/10 ... 55 Hz, 1 mm												
Ambient temperature T_a	-25 °C ... +75 °C												
Housing material	Plastic												

¹⁾ without load

²⁾ according to EN 60529

³⁾ (pulsed)

Ordering information

Type	Order no.
RZT6-03ZRS-KPO	1 023 973
RZT6-03ZRS-KQO	1 025 549
RZT6-03ZRS-KRO	1 023 975
RZT6-03ZRS-KWO	1 023 974