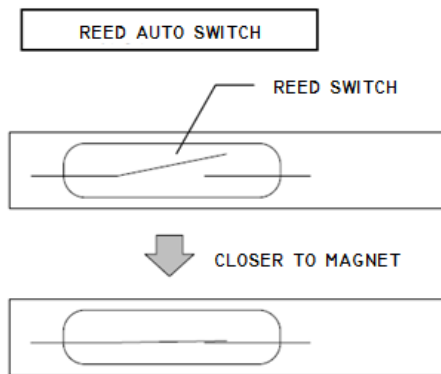
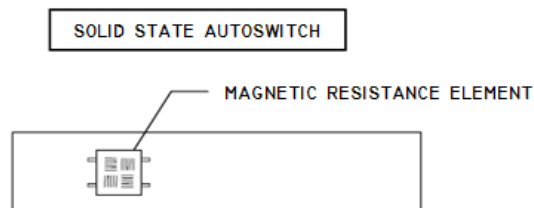


1. OPERATION PRINCIPLES



AS THE MAGNET IS BROUGHT CLOSER, THE POINTS WHICH WERE SEPARATED BEGIN TO MOVE AND AN ELECTRIC CURRENT IS GENERATED WHEN THESE COME INTO CONTACT.



AS THE MAGNET IS BROUGHT CLOSER, THE SENSOR RESISTANCE CHANGES WHICH CAUSES THE ELECTRICAL POTENTIAL TO FLUCTUATE WHICH IS IDENTIFIED BY THE IC, CREATING OUTPUT.

2. DIFFERENCE BETWEEN REED AND SOLID STATE

	Reed Autoswitch	Solid State Autoswitch
Life	5,000,000 (depending on operation environment)	40,000,000 (depending on operation environment)
Current Leakage	No	Yes
Load Voltage	<AC100V, AC200V, DC24V	<DC24V
Differential Travel	<2mm	<1mm
Impact Resistance	300m/s ² [30.6G]	1000m/s ² [102G]
Chattering	Yes	No