



## Guidelines For Washing Pickering Reed Relays

Pickering reed relays are compatible with a comprehensive range of cleaning systems. Within the reed relay the reed switch contacts are fully hermetically sealed in a glass capsule, and the glass capsule is encapsulated into a package which provides a barrier to moisture ingress.

Many of our customers use cleaning systems without reporting any quality problems. However, cleaning systems involve many variables, such as pressure, mechanical forces, number of cycles, vibration, temperature, and cleaning solvents. Cleaning solvents can sometimes include anti-foaming agents, neutralizers, surfactants, saponifies, and dispersants. Extra care should be taken with ultrasonic cleaning as strong vibratory forces can affect the reed switch performance characteristics.

Due to the large number of factors in cleaning processes, it is not practical for Pickering to carry out tests using cleaning systems. Thus, Pickering does not test or make recommendations regarding cleaning systems.

We do, however, suggest that all washing should incorporate a drying process at an elevated temperature (typically 80C for at least 1 hour).

Pickering always recommends the customer should take the appropriate steps to verify the suitability of our relays for washing.