



Micro-seal Limit Switch

1241Z Series

The 'environmental-free' Micro-seal Switch is designed to operate at altitudes up to 18,000m (60,000 ft.) in ambient temperatures ranging from -75°C to +70°C.

Complete sealing of the Micro-seal switch is achieved by glass/metal seals between the switch tray and the terminal associated P.T.F.E scrapper ring in the plunger mechanism. The stainless-steel plunger is especially finished to ensure prolonged efficiency of the dynamic 'O' ring seal.

The switch action provides a heavy duty double-pole changeover contact arrangement. A rocker carries the moving contact between two permanent magnets to provide a positive 'snap' action. A unique feature of this design is that contact pressure increases up to the moment of changeover, thus reducing the tendency to arcing, normally associated with low contact pressures at this point. Six 6 B.A terminals are arranged in a high grade thermosetting plastic terminal block and are protected by a

synthetic rubber grommet.

Features

- Weight: 200g approximately
- Operating Force: 4.31 ±1.06kg (normal) and 5.7kg (max)
- Terminals: 6BA Terminal Screws
- Characteristics: Full over-travel force 12kg
- Ambient Temperature: -75°C to +70°C
- Overload: 68kg on Plunger
- Contacts: Double pole change-over, snap action

