



## Pisceal Limit Switch

### 6206 Series

Hermetic sealing and low operating loads are the main features of this unit which is designed to operate in ambient temperatures ranging from  $-75^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$  and at altitudes from sea level to 21,500m.

The snap action double-pole switch is assembled on to contact posts which pass through glass/metal seals in a steel base plate.

By the provision of a dynamic seal through which the operating plunger passes, the compartment of the switch containing the return spring plunger bearing and upper portion of the dolly is sealed to 'environment free' standard. At level force on the plunger required to operate the switch is 4.8kgm rising to only 5.2kgm at the full plunger overtravel. The minimum plunger release force from the switch release position is 2.3kgm.

#### Features

- Rated Voltage: 28.5V DC
- Rated Current: 4A at 28.5V DC (resistive)
- Pre-Travel:  $1.0\text{mm} \pm 0.13\text{mm}$
- Over-Travel: 8.65mm (min)
- Differential: 0.43mm
- Operating Load: 4.8 to 5.2kg
- Release Load: 2.3kg (min)
- Weight (excluding leads): 80g approx..



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