

Technical Description DL3 Type Interlocks

Mechanical Principles.

SFC 'DL3' Interlocks are for Quick Opening Type Closures, and they are basically 3-part assemblies: -

- The Totally sealed Coded Lock Body.
- The Structural Locking Bar (Code Bar)
- The Lock to Closure Mounting Coupler/Kit

SFC 'DL3' Interlocks are supplied as precision investment castings in 316 stainless steel.

A single lock size is suitable for all types and sizes of Quick Opening Type Closures.

The lock body is supplied as a 'sealed-for-life' totally maintenance-free assembly.

Bespoke Units:

The mounting Kit for the lock is purpose machined to suit the geometry of the Quick Opening Type Closure. The DL3 Interlock mounting kit is attached to a Non-pressure retaining part of the Quick Opening Type Closure.

In operation once the code bar is released from the back of the lock the operating key is trapped in the lock body.

Only when the Quick Opening Type Closure is closed, can the code bar be inserted into the lock body, this then releases the interlock operating key. This simple operation prevents inadvertent operation of valves associated with the Quick Opening Type Closure either open or unlocked.

