

## 06

## Cable and Tube Breakage: How Does it Affect the Productivity of a Grip?

Misati lightweight robot grips stand out for having the minimum number of exposed cables. It is not just an aesthetic matter: production stoppages because of accidental breakages of cables and tubes are minimised.

### Cable Breakage

Possibly, the most delicate parts of a grip are the pneumatic tubes that feed miniclamps and the electrical cables for sensors. It is quite common that a cable is disconnected when it gets caught with any object.



Such incidents occur because many grips still have the electrical cables outside the grip, sometimes even in large loops.

### Protected Cables = Less Production Stoppages

A lightweight robot grip cannot stop for hours just because a sensor has been accidentally cut off.

In order to avoid any production stoppages because of a cable breakage, the pneumatic and electrical connections of Misati Lightweight Robot Grips are routed inside brackets, tubes and profiles, leaving as few cables as possible exposed to breakage.



## Robot grip connections: always accessible

Not only are the cables of lightweight robot grips protected, but they are always accessible. Simply lift the front cover of the profile to reach them.

The result is a neat grip, with minimal exposed cables to prevent them from getting caught and broken.

