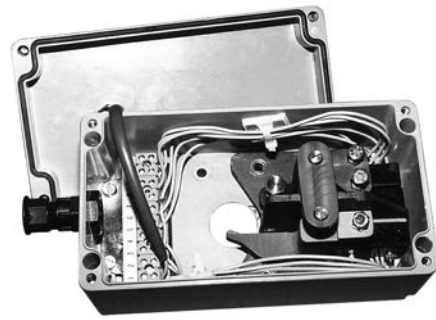


Twiflex offers a wide range of monitoring options for both caliper and modular brake types. This includes a number of IP67-rated inductive and analogue proximity sensors for brake status or pad condition.

In addition, electro-mechanical and limit switches are available as single or multi-function units and may be supplied fully sealed, with positive action safety switches.

Monitoring units are used to indicate:

- Brake on or off, or the fully retracted condition reached
- Adjustment for pad wear required
- Pad replacement needed
- Any combination of the above



## Materials, Traceability & Finishes

Twiflex Ltd. is approved to BS EN ISO 9001:2000, by Lloyds Registry of Quality Assurance. The scope of Twiflex Ltd Quality System embraces all procedures and controls from quotation to delivery of industrial disc brakes.

### Materials

All materials are obtained from Twiflex approved suppliers. Twiflex discs and brake housings, unless otherwise stated, are made from Spheroidal Graphite Iron and actuator housings from cast aluminium.

### Traceability

We can offer, at customer's request, component traceability through Lloyds. In special circumstances we can also offer traceability through the American Bureau of Shipping (ABS), Det. Norske Veritas (DNV), and other recognized authorities.

### Finishes

Twiflex can offer a range of finishing processes, depending upon the degree of protection required. Disc brake assemblies requiring full environmental protection are built using stainless steel, hard chrome plating and marine paint.