

# PICO-GUARD™



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### Easy to Install

- Standard, low cost fibre-optic cable, cut to length.
- Optical interlock with snap-in mechanism.
- Easily expandable to multiple interlocks on any optical channel.
- Achieves category 4 with a single switch point per door.

### No Mechanical Contacts

- Non-contact optical elements eliminate wear.
- No alignment issues.

### Compact, Multi-Functional Controller

- DIN-rail mountable.
- 4 optical channels.
- Multiple optical switch points per loop.

### Type 4, Category 4 Design

- Complies with EN 954-1 Category 4 and IEC 61496-1 Type 4 requirements.
- Complies also with ATEX directive 94/9/EC.

### Can be used in explosion hazardous areas and dust environments

- Optical elements approved for use in Zone 0 and Zone 22.



# Fibre-Optic Safety Interlock Technology – ATEX Approved

- Safety interlock switches for doors, guards and gates

- Fibre-optic safety grid

- Safety point elements M12 or M30 barrel style for access control

- E-Stop Button

- PICO-GUARD controller allows connection to various safety elements. Controller should be installed in accordance with ATEX safety directive 94/9/EC.

- EZ-SCREEN Type 4 Safety Light Screen

- Safety Module

Banner Engineering offers the industry a highly complete and integrated line of photoelectric sensors, ultrasonic sensors, machine safety products, measurement & inspection products and vision sensors. Banner Engineering is a US based company with subsidiaries around the world for global sales and support.

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