

# Safe Line FACE DEFENDER

## Universal Design

Can be installed on most makes, models and configuration of equipment

## Simple Function

No training required for Operators

## Simple Installation

No training required for Technicians

## Object Filtering

Small object filtering, ignores water, airborne dust to minimize false trips

## Rugged

Built for mining!



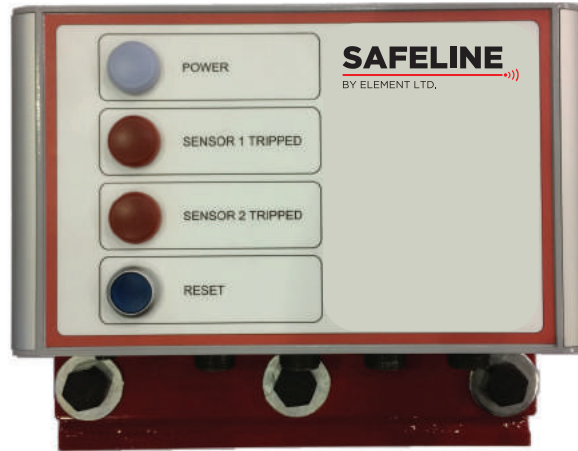
- The **FACE DEFENDER** is a state of the art personnel detection system used to determine when a worker passes into a hazardous area, and automatically shuts down the sources of energy which may cause potential injury.
- It's universal design means that the **FACE DEFENDER** can be easily installed on many different makes, models, and configurations of mobile equipment.
- Furthermore the simplicity of the design allows any capable electrician or technician to install the **FACE DEFENDER** without training or specialist support.
- **FACE DEFENDER** is built rugged – like the mining environment it serves.

**For more information  
contact:  
705-561-2480**

**WARNING:** This system should be used only as a secondary means of protection to remove potential energy from operating equipment. This system should never be used in lieu of, or in substitution for, established safety procedures.

### 1. Main Panel

Central display and control for the FACE DEFENDER system



**P/N: FD-MP**

### 2. Sensor Interface

Motion sensor with rugged frame, c/w programming remote control



**P/N: FD-SI**

### Specifications - Complete System

Description	Specification
Supply Voltage	24VDC
Safety Circuit Voltage Maximum Switching Capacity	240VAC
Power Consumption	Max 50 Watts
Main Frequency	50 to 60Hz
Temperature Range	-30°C to +60°C
Sensor Installation Height	2m to 3.5m
Dimensions Main Panel (DxWxH)	9"x14"x11"
Dimensions Sensor (DxWxH)	11-1/4"x11-1/4"x18-1/2"

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### Face Defender Datasheet

#### 3. Power Cable

3 Pin 12 AWG 3 wire to pigtail



Pin/Color	Specification
A/White	0 VDC
B/Black	24 VDC
C/Green	Ground

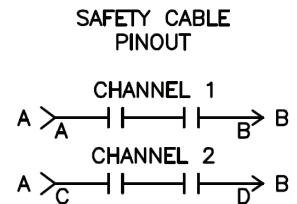
P/N: FD -PWR -C

#### 4. Safety Cable

4 Pin 12 AWG 4 wire to pigtail



Pin/Color	Specification
A/White	Channel 1A Input
B/Black	Channel 1B Output
C/Green	Channel 2A Input
D/Red	Channel 2B Output



P/N: FD-SAF-C

#### 5. Sensor Cable

10 Pin 12 AWG 10 wire to 10 Pin (2 required)



P/N: FD-SNR-C

#### Order Info

Item	P/N	Description
1	FD-MP	Main Panel
2	FD-SI	Sensor Interface
	FD-RM	Replacement Sensor Remote Control
3	FD-PWR-C	Power Cable
4	FD-SAF-C	Safety Cable
5	FD-SNR-C	Sensor Cable

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