

**ABC PLC**

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**Plug-Up Detection System**



**GreCon®**

## Eliminate Costly Downtime Caused By Plugged Conditions

GreCon ABC PLC Plug-Up Detection System alerts production personnel to the early stages of plugging in cyclones, dust collectors, hoppers, and chutes, and can automatically initiate countermeasures in the effected area. The ABC receiver contains a photo diode that responds to the signal emitted by the ABC transmitter. The interruption of this signal by excessive material is immediatly recognized.

### Features

- Each module is one zone
- Up to five modules connected to one power supply
- Dry relay contacts to initiate countermeasures upon alarm
- Automatic circuit integrity testing
- Visual display of alarms and troubles
- Cable length up to 3000' from PLC
- 100 to 240 VAC power supply
- DIN rail mounted modules



### ABC Transmitter



Injection molded housing NEMA 4/IP 65 enclosure  
Wire entry by a PG9 cable strain relief connector

### ABC Receiver



### ABC High Temperature Applications

Transmitter and Receiver installed in applications with temperature above 150°F are equipped with fiber optic cables. Mounting adapters are flush mounted in the wall of the cyclone or hopper to prevent material buildup or interference to flow.