



eX LINK APPLICATIONS

Balances used in pharmaceutical companies production areas



A manufacturer of explosion protected balances used by pharmaceutical companies uses eXLink to connect the balances to 230 V AC 400 mA power supplies housed within Ex-e enclosures (supplied by Cooper Crouse Hinds).

Located within the production area, allowing the balances to be used wherever they are required within the facility.

The plug & play nature of eXLink allows this to be done safely and quickly while the systems light weight design allows the equipment to retain it's compact dimensions.

Plug-in motor connection with termistor monitoring



Explosion protected wall sockets used to connect large motors require monitoring for excessive heating. The use of eXLink for the thermistor connection allows the operator to separate the power and control circuit safely and quickly while servicing the a wall socket.



eX LINK APPLICATIONS

Flooding light connections



A site using fluorescent light fittings installed on tilting masts uses eXLink to connect the fluorescent fittings to the power supply.

This allows individual light fittings to be disconnected from the power supply without having to switch off any other lamps. This solution also allows the use of short cable lengths minimizing problems with cable management (trip hazards). Tilting poles equipped with eXLink allow lamps to be serviced quickly and safely in hazardous areas.

This advantage can also be used as a standard connection for the new dKLK 23. The flameproof enclosure can easily be opened while disconnected from mains in hazardous areas.

Earthing connections for tank or container filling



Static electricity represents a major threat to safety when tanks and containers are being filled or emptied within hazardous areas.

During filling or emptying a continuous earth connection must be ensured. Using eXLink ensures the earthing connections are made and broken safely. This application has led to dramatic reduction in the time taken to fill and empty tankers, providing substantial cost benefits.

The static ground indicator can be used to check for good ground connection when filling or emptying tankers, drums or similar portable containers with combustible materials.

The premise for the function is a correct ground connection (by customer).



After connecting the eXLink to the unit and the ground clamp to the object being monitored, with a good ground connection the amplifier switches the relay and the green signal lamp indicates "Ground available". On breaking the ground connection e.g. by removing the ground clamp or cable break, the relay is tripped and the red signal lamp indicates "Ground not available".