

APPLICATION NOTES

Crane Radio Receiver

Several manufacturers of remote controls for cranes installed in classified areas use radio controls to eliminate cables.

“The Solexy RX coupler provides a seal and protects the RF signal with intrinsically safe circuitry preventing any external possibility”

- ADVANTAGES**
- ✓ Allows use of standard passive antennas
 - ✓ It does not take any space inside the housing
 - ✓ No seal gland required
 - ✓ Multiple certification for application around the globe



Wireless Crane controls are becoming more and more common: the purpose is to give the operator more freedom to move around.

This also eliminates cables that restrict movement and can eventually breakdown or wear out.

Usually the hand held remote control is intrinsically safe, but the receiver is not.

To safely transmit and receive control transmissions, **Solexy RX and UX antenna coupler** is screwed directly on the Exd receiver housing.

This allows safe transmission of signals in zone 1 areas, with the flexibility of choosing the more appropriate antenna for the job.

