

CONNECT your SYSTEM to OURS with our ACOUSTIC COUPLER

Inter-Operability Interface DSI-AC/S16



The Inter-Operability Interface is an audio coupler designed to allow the isolated interconnection of the Rescom intrinsically safe communication system with another communication system.



By physically strapping the audio coupler transmitter and receiver devices of the Rescom Inter-operability Interface to the receiver and transmitter components (respectively) of the other communication system for acoustic connection, the requirements for total electrical isolation are met.



The Rescom system is equipped with the Inter-Operability Interface at the position of a standard Slave unit and occupies therefore the equivalent of the one (1) headset position in the system. The Inter-Operability Interface consists of a *modified* Slave interface (DSI-AC) physically configured in a slightly differing fashion from the standard interfaces.

The system connector protrudes through the outside surface of the case for connection by a standard extension cable or rope to the remaining system. The usual headset connector on the DSI-AC is used for connection to the transceiver/receiver pair used for the acoustic coupler.

INTRINSIC SAFETY

The Inter-Operability interface is intrinsically safe but must not be used in combination with a non intrinsically safe device in an area which contains potentially explosive gases or the gaseous content is unknown.

Only if BOTH products i.e. the Inter-Operability Interface and the other system to which it is to be connected, intrinsically safe rated, may the combined product be used in an area that is covered by the LEAST rated system. For instance, if the other system is only rated to Class 1, Group A, div 2 areas, then the combined equipment may not be used in an area demanding a higher intrinsic safety rating.

