m - Comm

The versatile voice communications system for rescue and confined space working.

Originally developed to provide rapid, high integrity speech communications for rescue teams underground, m-Comm uniquely offers the portability of a radio handset and the clarity of a hard wired telephone.

m-Comm is simple to use. Pay out the guide wire on entering the workspace, clip-on and press to talk. No more bulky cable drums.

Depending on your needs, Base stations and Handsets can be used in any combination and from any point along the guide wire. The Base station incorporates additional features, e.g. line proving, loudspeaker output and rapid recharge power pack.

Recent UK legislation requires effective communication in all confined space working. m-Comm provides a comprehensive and cost effective communications solution to confined space working, improving safety and operational effectiveness. From the risk assessment stage onwards specify m-Comm.

SPECIFICATION

System
Range up to 5 kilometres underground with copper guide wire.
Coupler opening 6mm dia.
Operational temperature range –5 to 40°C.

Handset
Approvals Ex II 1 G Ex II 1 G I M1, EEx ia I M1.
EEEx ia I A T4 (Ta = -5 °C to + 40 °C), EEEx ia I (H2).
Power source PP3 type alkaline battery or rechargeable NiMH battery.
Battery life 10 hours typical operation*.
Case material Nylon 6/6 with glass/carbon fibre reinforcement.
Environmental protection Water immersible.
Weight 700g.
Dimensions 270 x 80 x 35mm.

Base Unit
Approvals Groups Ex II 1 G Ex II 1 G I M1.
EEEx ia I A T1 (Ta = -5 °C to + 40 °C), EEEx ia I.
Power source 12v rechargeable NiMH battery.
Battery life 10 hours typical operation*.
Case material Fibre-glass reinforced polyester with graphite added.
Environmental protection Splash proof.
Weight 3kg.
Dimensions 220 x 95 x 160mm.

*Operations duty 80% receive, 20% transmit.