

Intrinsically Safe Intercom ATG4



Description

- The ATG4 mining intercom is used for communication in tunnels, plants and surface rooms of coal mines, it is not important whether it is a safe area or not, when there is danger of explosion by the presence of coal dust of category M1.
- ATG4 intercom can form local communication networks in the form of a minimum of two intercoms and a maximum of four intercoms up to 10km, 0.85db / km or 10.5db of attenuation. While the housing of the apparatus guarantees the work in conditions of extreme explosiveness of dust, humidity and high noise level in mines, foundries and constructions.
- The ATG4 intercom has an operating range of -20 to +60 degrees Celsius and 95% relative humidity and is certified by a certified laboratory in the European Community FTZU 06ATEX 017IX, providing it with the function I M1 EEx Ia I

Specifications

- Signal level: at least 85 dB at a distance of 1 m
- Frequency of the signal: 1000hz
- Frequency band transmitted: 300 to 2500hz
- Attenuation reference: from +4 to -4dB on Tx and 0 to -8db on RX
- Weight: 3.6Kg
- Size: max 295x280x140 mm
- Power Source: Commercial batteries R20 1.5V
- Electrical parameters: $U_i = 17V$, $I_i = 80mA$, $P_i = 1.2W$, $C_i = 0$, $L_i = 100mH$

APPLICATION: Mining Intercom for Tunnels of Coal Mines, plants and Constructions



Parallel Connection

Range to 10km with 2-wire 18AWG (0.9mm²)



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