PRONOR

MODEL EX7504 EXPLOSION PROOF DIGITAL TALK BACK STATION

Model EX7504

FEATURES AND BENIFITS

- ATEX Zone 1+21 Group II2GD IIC T6 explosion proof IP 66 station.

- MEMS microphone reducing ambient noise.

- Powerfull built-in 5 or 20 Watt amplifier.

- Only (1) pair required. Star wiring with standard telephone cable up to 1 Km away. Separate cable required for AC or DC power supply.

- Full keypad with built in speaker.

The model EX7504 is a 2-wire digital explosion proof talk back station suitable for ATEX zone 1 and Zone 2 and provided with a full keypad.
The same station exist as well with an external handset. (Order EX7504HS)

The unit is ideal for applications in hazardous areas were selective and clear voice communication is required.

The communication is semi-duplex or simplex (to be determinate during configuration).
All stations are provided with a MEMS ((microelectro-mechanical systems) noise reducing microphone.
See datasheet Pub-0003-023a and Pub-0003-049 for suitable central exchanges.

Specifications.

Construction : Housing : Polycarbonate orange colour.
Mounting : Wall mounted 4 screws.
Power requirements: AC version: 100..240VAC DC version: 22…60VDC or 18-30VAC at 25Watt (with built in 20Watt amplifier full driven).
Cabling : Standard telephone cable 1x2x0,6mm2 (800mtr) for voice+data and 3x1,5mm2 for power
Microphone : MEMS type.
Audio amplifier : AMP1:5Watt. AMP2: 20Watt RMS at 8 Ohm.
Input : 2 inputs for floating contacts.
Outputs : 2 relay outputs.
Frequency range : 200Hz - 16KHz.
Approvals : ATEX II 2 GD EEXdb eb ib IIC T6
Protection : IP66
Temperature range : Minus 20Cº to +60Cº. (95% humidity)
Dimensions (HxWxD): 344x175x127mm
Shipping weight : 6Kg