

TELEINDUSTRIA srl

Phone: .....(39) 2 45713729

Fax: .....(39) 2 45714000

E-mail: ..... sales@teleindustria.it

Web-site:..... **www.teleindustria.com**

## ATEX & IECEx Emergency & Service explosion-proof analog telephone auto fault-detection & audio test remote interrogation, model TEL779T

# ERCOTEL-Ex®



### AVAILABLE COLORS

YELLOW RAL1023	GREY RAL7030	BLACK RAL9005	RED RAL3020	ORANGE RAL2003
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### EU-Type Examination Certificate Pending

**II2G - Ex eb ib mb IIC T5**  
**-55°C ≤ Ta ≤ +50°C**

Protection index [IEC 60529] ..... IP65  
Shock-Resistance: ..... IK7  
Working temperature: ..... -55 °C +50°C  
Body: ..... aluminum 5mm  
Handset: ..... aluminum 2mm  
Handset's cord: ..... stainless steel 0,7 cm  
Color of body: ..... Yellow, Orange, Grey, Red (on demand)  
Mounting: ..... on wall  
Wiring: ..... screw terminals Ø0,9mm  
Bell: ..... 87dB @ 1 m  
Dimensions: ..... 364 x 230 x 160 mm  
Weight: ..... 5,2 kg

The **ERCOTEL® TEL779T** is probably the more performing and innovative **Emergency & Hot-Line** Explosion-proof Telephone on the worldwide market.

**ERCOTEL®** is a **SMART** analogue industrial telephone, with a very strong body made of aluminum (thickness 5mm) vandal resistant and shock proof **IK7**, weather-proof **IP65**. Designed for **20 years life** in heavy industrial areas.

An unusual feature is the **handset entirely made of aluminum**, with a stainless steel cord capable of supporting a **pulling force of over 200kg**. Even the keyboard, with **single aluminum keys**, offers characteristics of high strength and impact resistance.

The **ATEX & IECEx** certificate covers **the installation on any kind of PBX**, with a line voltage up to 160Vrms (60Vdc + 100Vac).

### MAIN CHARACTERISTICS

Powered by telephone line: ..... 12÷60 Vdc  
Ringing voltage: ..... 25÷100 V<sub>EFF</sub>  
Dialling: ..... DTMF  
Hook: ..... magnetic, high protection  
Programmable: ..... 100% programmable remotely by DTMF

### EXTENDED KEYPAD

15 keys keypad, with single aluminum buttons, with double function activated by the button Fn:

- 12 buttons (\*, #, 0,1...9)
- R (flash), RP (last number redial)
- Pre-memorized call buttons (M1÷M8)
- Volume adjustment V+, V-
- Hook key
- Public Address button
- Red LED indicating "on line" or "incoming call"
- Noise cancelling circuit

### AFD - Automatic Fault-detection

AFD is the function of **automatic periodical test** of all the functions and main devices of the telephone, including **audio test of microphone and earpiece**. The state of service is indicated by the flashing **blue LED**. A Fault-Relay module (model FAR-01) is available on demand.

### Options

- Remote diagnostic software TelDia®
- Blue LED indicating good state of service

### ORDER CODES

TEL779T ..... full keypad  
TEL779T-LC ..... full keypad, cord 1,3 m  
TEL779M0 ..... without keypad  
TEL779M0-LC ..... without keypad, cord 1,3 m