

TROLEX

HAZARDOUS AREA AUDIO/VISUAL ALARM

CORE DESCRIPTION

The Trolex TX6831 (Model TX6831.19.14.96.901.15.03) is an intrinsically safe audio/visual alarm designed for use in hazardous areas such as underground mining and explosive industrial environments. It provides high-intensity LED visual alerts along with an optional 85 dB audible sounder when activated by connected sensors or control systems. Key items to verify prior to deployment include the exact input signal configuration (4–20 mA or contact state) and local explosion-proof certification compliance (e.g., ATEX/IECEEx).

TECHNICAL SPECIFICATIONS

PARAMETER NAME	VALUE	UNIT
Product Type	Audio/Visual Alarm	-
Model	TX6831.19.14.96.901.15.03	-
Application	Hazardous Area / Group I / Mining	-
Supply Voltage	7.7 - 16.5	V DC
Audible Output	85	dB @ 1m
Visual Alert	High-intensity LED	-
Input Signal	4-20 mA / 0.4-2 V / Contact	-
Protection Rating	IP65	-
Housing Material	Electrically Dissipative Polymer	-