

ML-2710.IS MAXLOGIC CONVENTIONAL MANUAL CALL POINT, RESETTABLE, INTRINSICALLY SAFE



It has been designed according to **EN IEC 60079-0:2018**, **EN 60079-11:2012** and **EN ISO/IEC 80079-34:2020** standards as **intrinsically safe (I.S)** for use in **hazardous environments**. It also meets the requirements of the **EN 54-11** standard. It is a **Type A** class product that gives a direct alarm when the operating point is pressed.

The ML-2710.IS has a **flexible flat activation plastic**. When pressed, this flexible flat plastic slides down and activates an internal switch that triggers the alarm signal.

The **alarm resistance** of the button is **300Ω** and the **operating voltage** is **14-28.5V DC**. It works with all conventional fire alarm panels that meet these specifications

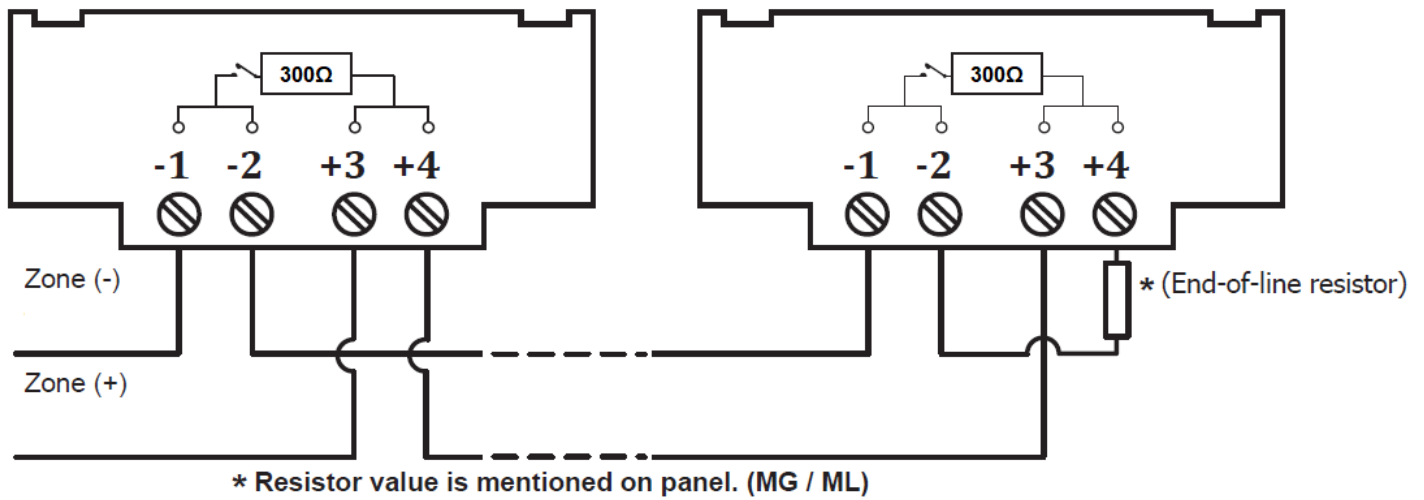
GENERAL FEATURES

- Complies with ATEX directive **EN IEC 60079-0:2018**, **EN 60079-11:2012** and **EN ISO/IEC 80079-34:2020** standards.
- It is designed according to the classification of **ATEX Ex II 1G EX ia IIC T4 Ga -10°C≤Ta≤55°C**.
- It can be used in **Category 1, 2 or 3 hazardous atmosphere environments** with temperatures up to **55°C**.
- Complies with Construction Product Regulation **EN 54-11** standard.
- With its **resettable feature**, it can be brought back to the starting position and used again.
- The **alarm resistance** of the button is **300Ω** and the **operating voltage** is **14-28.5V DC**, and it can work with all conventional fire alarm panels that have these features.

TECHNICAL FEATURES

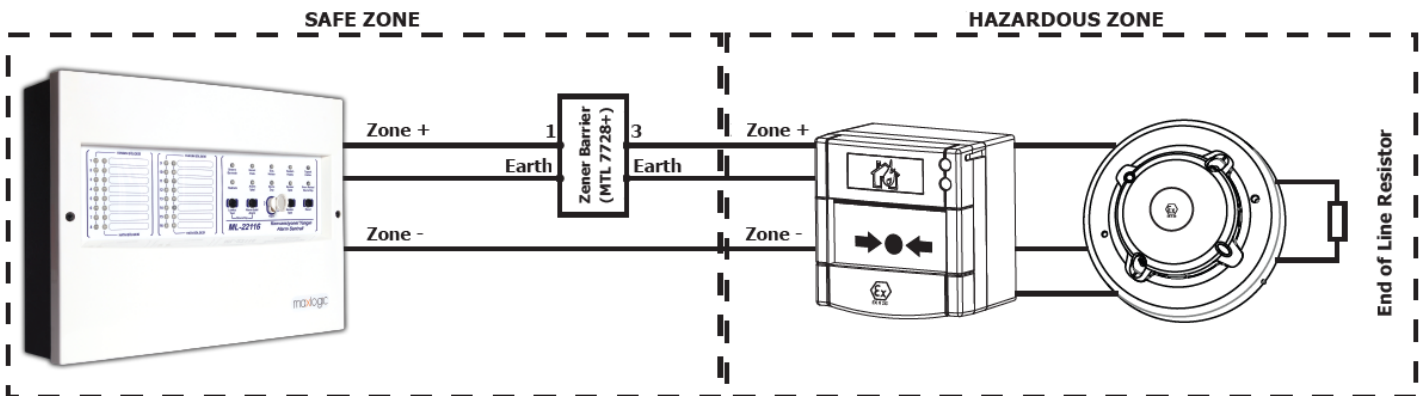
Supply Voltage	14 - 28.5V DC	Weight	140 gr
Quiescent / Alarm Current	0A / 95mA	Dimensions	87 x 91 x 58 mm
IP Protection Class	IP22D	Operating Temp	(-10°C) - (+55°C)
Color	Red	Storage Temp	(-30°C) - (+60°C)
Environment Category	Indoor use ATEX (Zone 0, 1 ve 2) IECEX (IIC Hazardous Gas Group)	Relative Humidity	%0 - 95

CONNECTION SCHEME



CONNECTION TO HAZARDOUS ZONE WITH ZENER BARRIER

- CONNECTION WITH MTL 7728+



* Max. 20 pieces detector or max. 32 pieces manual call point, total product quantity can not exceed 32.

Important Note:

- * The earth connection of the system must be made.
- ** The Earth Connection of Safe Zone or Hazardous Zone must be provided with "Zener Barrier".

MAXIMUM CABLE LENGTH

Cable ($\mu\text{F}/\text{km}$)	Group IIC	Group IIB	Group IIA
1x2x0,8+0,8JE-H(st)H ($<100\text{nF}/\text{km}$)	$0,083\mu\text{F}/(100\text{nF}/\text{km})=$ 800m	1 km (0,8mm cable for maximum length)	1 km (0,8mm cable for maximum length)
1x2x0,8+0,8J-H(st)H ($<100\text{nF}/\text{km}$)	$0,083\mu\text{F}/(100\text{nF}/\text{km})=$ 800m	1 km (0,8mm cable for maximum length)	1 km (0,8mm cable for maximum length)