

TECHNICAL INFORMATION

APPLICATIONS

- on site flame detector testing

TECHNICAL FEATURES

- easy to use
- EEx-d explosion proof execution
- no external connection required(portable)
- internal battery power supply



The FLT - 10 device was designed for the on site testing of EDS infrared radiation (IR) Flame Detectors. Moreover FLT-10 is particularly suitable for testing of IR Flame Detectors in explosion proof execution. These detectors do not allow the usage of any flame or similar method for testing as they are mounted in explosion proof classified environments. FLT-10 is built in Ex-d IIC T6 explosion proof housing, ATEX certified, and so it can be used in those dangerous environments.

FLT - 10 it's easy to use. After switching it on, it should be brought near the front of the optical head of the Flame Detector, and the operator should wait for a time longer than the detector's response delay. After this time the detector should give out an alarm.

FLT - 10 is equipped with some wide range infrared emitters that simulate the variable and pulsed emission of the flame.

FLT - 10 does not require any external cable connection.

The device is equipped with an internal battery power supply and so the battery can easily be changed when it's over or recharged if rechargeable batteries are used.

TECHNICAL DATA

- power supply: internal battery
- wide band IR emitters
- pulsed IR emission
- maximum continuous IR emission with an alkaline battery: about 1 hour
- operative distance :10 - 200 cm (depending on the sensitivity setting of the detector)
- response time : depends on the detector's response delay set
- execution: explosion proof Ex-d IIC T6
- certifications: ATEX and CESI
- protection index : IP66
- mouth : 3/4"
- dimensions : 80x80 mm
- weight : 500 gr