



Intrinsically safe IR flame detector

Salwico 601FEx-M

Part no. See below

System: Salwico CS3000, CS4000 fire alarms

Description

601FEx-M is an intrinsically safe conventional flame detector of IR type.

601FEx-M is a full featured solar blind flame detector for use in hazardous atmospheres with a high degree of false alarm immunity.

The detector is developed for use in hazardous atmospheres and must be connected via an intrinsically safe isolator, see under *connection* below.

The complete detector (shown in the above picture) consists of following parts:

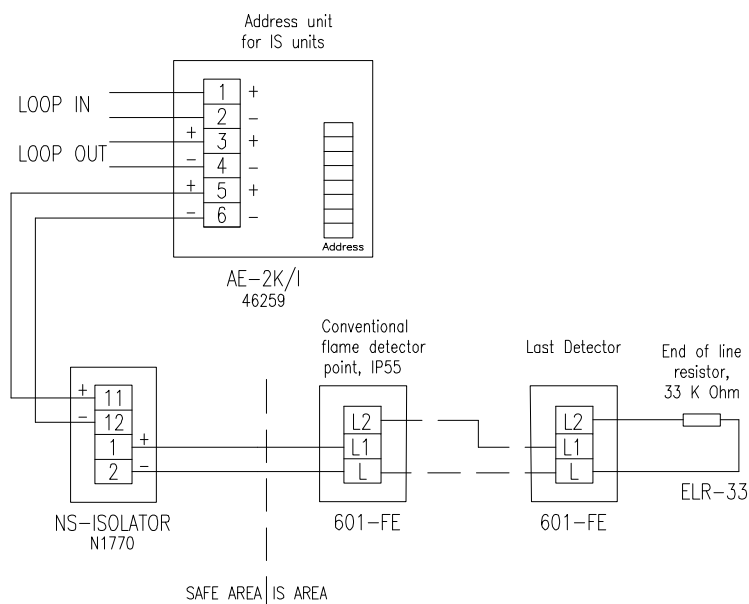
Head	601FEx-M	Part. 1142
Adapter	Mubex base	Part 1271049
Base	Watertight back box	Part 1271059

Data

Function	Conventional IR flame
Maximum Voltage (Ui)	28 VDC
Maximum Current (Ii)	93 mA
Maximum Power input (Pi)	650mW
Equivalent Inductance (Li)	0
Equivalent Capacitance (C)	0
Working voltage	18-28 VDC
Working current	0.3 mA
Alarm current	8-30 mA
ATEX code	II 1 G Eex ia IIC T4
Ingress protection	IP55
Temperature range*	-20°C to +70°C
Storage temperature	-40°C to +80°C
Rel. humidity	90%RH non cond.
Material	FR110
Colour	White
Weight (excl. base)	108 g
Dimension, (c/w base) (mm)	147x116x77

*Operation below 0°C is not recommended unless steps are taken to eliminate condensation and hence ice formation on the detector.

Connection



IR Flame detector, Ex ***Salwico 601FEx-M***

Dimensions (mm)

