O2T/F multisensor fire detector IQ8Quad with isolator

Part-No. 802383

Approval: VdS
O²T/F multisensor fire detector IQ8Quad with integrated flasher

In addition to smoke detection with the conventional O²T multisensor technology, the detector is provided with a built-in flash lamp.

DetectionMultisensor detectors with two built-in optical smoke sensors with different scattered light angles as well as additional heat detector sensor evaluation for detecting everything from smouldering fires to open fires with consistent response performance. Smoke sensor signal identification to ensure smoke classification and reduction of false alarms caused, for instance, by water vapour or dust. Each detector is provided with an integrated isolator.

Alarm signallingThe alarm signalling device is activated by the control panel. No further short address needs to be allocated. It is programmed with tools 8000 as of software version 1.05.

Features:

Detection
- The reliable O²T multisensor principle for consistent response performance at the highest level of security against false alarms
- Individual control of the beacon

Flash lamp
- Loop powered - no need for external power supply
- No additional short address
- Automatic synchronization of various IQ8Quad alarm signaling devices
- High flash energy

Operating voltage	8 ... 42 V DC
Quiescent current @ 19 V DC	75 µA
Quiescent current @ FACP battery	approx. 400 µA @ 42 V
Signal flashing lamp	red
Luminous intensity	max. 15.8 cd peak / 2.63 cd effective
Lighting energy	approx. 3 Y
Area to be monitored	max. 110 m²
Height to be monitored	max. 12 m
Air velocity	0 ... 25.4 m/s
Application temperature	-20 °C ... 65 °C
Storage temperature	-25 °C ... 75 °C
Type of protection	IP43 (with base + options)
Material	ABS plastic
Air humidity	< 95 % (non condensing)
Color	white, similar to RAL 9010
Weight	approx. 145 g
Detector specification	EN 54-7/-5 B/-17, CEA 4021
Dimensions	Ø: 117 mm H: 59 mm
	Ø: 117 mm H: 67 mm (incl. base)

Not suitable for application in detector base Part No. 805591!

Detector base is not supplied as standard

Accessories:
767800 Mounting bracket
805590 Standard detector base for IQ8Quad