O2T/F multisensor fire detector IQ8Quad with isolator

Part-No.: 802383
Approval: VdS

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

- The reliable O²T multisensor principle for consistent response performance at the highest level of security against false alarms
- Individual control of the beacon
- Loop powered - no need for external power supply
- No additional short address
- Automatic synchronization of various IQ8Quad alarm signaling devices
- High flash energy

Common technical data

Operating voltage	8 ... 42 V DC
Quiescent current @ 19 V DC	75 µA
Quiescent current @ FACP battery	approx. 400 µA
Alarm current	10 mA ... 20 mA
Load factor	2
Lighting energy	approx. 3 Y
Luminous intensity	max. 15.8 cd peak / 2.63 cd effective
Signal flashing lamp	red
Area to be monitored	110 m²
Height to be monitored	12 m
Air velocity	0 m/s ... 25,4 m/s
Application temperature	-20 °C ... 65 °C
Storage temperature	-25 °C ... 75 °C
Air humidity	< 95 %
Type of protection	IP43 (with base + options)
Material	ABS plastic
Color	white, similar to RAL 9010
Weight	approx. 145 g
Detector specification	EN 54-7:2006/-5 B:2000/ -17:2005, CEA 4021
Dimensions	Ø: 117 mm H: 59 mm
Declaration of Performance	DoP-20193130701

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

Accessories:

767800	Mounting bracket
805590	Standard detector base for IQ8Quad