

Annex to Certificate No. 1293 - CPR – 0673 from January 20th, 2020

Technical specifications:

The fire detector is designed for early warning of a fire condition upon reaching a rate of rise of the temperature or fixed temperature threshold in the protected premises. The principle of functioning of the fire detector is based on the ohmic resistance alteration in the thermistor as a result of the ambient temperature change.

The fire detector consist of a printed circuit board and a chamber with thermistor fixed in a plastic body.

Product parameters:

Supply voltage	10 + 30 VDC
Temperature class	A2R (acc. EN 54-5)
Protected area	circle with diameter 10 m
Operational temperature range	-10°C + +55°C
Relative humidity resistance	(93±3)% at 40°C
Degree of protection	IP 43
Dimensions, base included	Φ100 mm h 47 mm
Weight, base included	0.100 kg

Essential characteristics	Harmonised technical specifications	Performance
	EN 54-5:2000 EN 54-5:2000/A1:2002	
Nominal activation conditions / Sensitivity, Response delay (response time) and Performance under fire conditions	cl. 4.2, 4.3, 5.2 to 5.4, 5.5=N/A, 5.6, 5.8, 6.1=N/A, 6.2	Pass
Operational reliability	cl. 4.4 to 4.7, 4.8=N/A, 4.9 to 4.10, 4.11=N/A	Pass
Tolerance to supply voltage	cl. 5.7	Pass
Durability of operational reliability and response delay: temperature resistance	cl. 5.9, 5.10=N/A	Pass
Durability of operational reliability: humidity resistance	cl. 5.11, 5.12	Pass
Durability of operational reliability: vibration resistance	cl. 5.14 to 5.17	Pass
Durability of operational reliability: corrosion resistance	cl. 5.13	Pass
Durability of operational reliability: electrical stability	cl. 5.18	Pass

History of certification

No.	Certificate No.	Description	Date of issue
1	1293-CPD-0069	Original certificate issued	January 30 th , 2008
2	1293-CPD-0213	Added place of factory	January 10 th , 2011
3	1293-CPD-0286	Changed place of factory	March 9 th , 2012
4	1293-CPR-0673	CPR certificate issued Change of address	January 20 th , 2020



Nová Dubnica, January 20th, 2020


Marek Hudák
 Director NB