

# DECLARATION OF PERFORMANCE



**AUTRONICA**  
FIRE AND SECURITY

According to Construction Products Regulation EU N° 305/2011

## Manual Call Point

Product identification	Manual Call Point
Type	BF-500V2/EX
Intended use	Fire detection and fire alarm systems installed in hazardous areas
Manufacturer	Autronica Fire and Security AS, PO Box 5620, 7483 Trondheim
System type	System 1
Notified body	AFNOR Certification
Certificate of Constancy of Performance (COP)	0333-CPD-075244
Table of performance	See table below

## Table of performance

Harmonised technical specification		EN 54-11:2001 + A1:2005	EN 54-17:2005 + AC:2007
Essential Characteristics	Performance	Clause	
Nominal activation conditions / Sensitivity and Performance under fire conditions			
- Alarm condition	pass	4.3.2	N.A
- Indicators for alarm condition	pass	4.4	N.A
- Safety aspects	pass	4.7.1	N.A
- Protection against accidental operation	pass	4.7.4	N.A
- Operational performance test	pass	5.2	5.2
- Function test	pass	5.3	N.A
Operational reliability			
- Requirements	pass	N.A	4
- Marking and data	pass	4.2	N.A
- Normal condition	pass	4.3.1	N.A
- Reset facility	pass	4.5	N.A
- Test facility	pass	4.6	N.A
- Shape, dimensions and colours	pass	4.7.2	N.A
- Symbols and lettering	pass	4.7.3	N.A
- Environment category	pass	4.7.5	N.A
- Additional requirements for software controlled manual call points	pass	4.8	N.A
- Test facility test (operational)	pass	5.4	N.A
- Reliability test (endurance)	pass	5.5	N.A

Harmonised technical specification		EN 54-11:2001 + A1:2005	EN 54-17:2005 + AC:2007
Essential Characteristics	Performance	Clause	
Durability of operational reliability, temperature resistance			
- Dry heat (operational)	pass	5.7	5.4
- Dry heat (endurance)	pass	5.8	N.A
- Cold (operational)	pass	5.9	5.5
Durability of operational reliability,vibration resistance			
- Shock (operational)	pass	5.14	5.9
- Impact (operational)	pass	5.15	5.10
- Vibration, sinusoidal (operational)	pass	5.16	5.11
- Vibration, sinusoidal (endurance)	pass	5.17	5.12
Durability of operational reliability, humidity resistance			
- Damp heat, cyclic (operational)	pass	5.10	5.6
- Damp heat, cyclic (endurance)	pass	5.11	N.A
- Damp heat, steady state (endurance)	pass	5.12	5.7
- Enclosure protection	pass	5.19	
Durability of operational reliability, corrosion resistance			
- Damp heat, cyclic (endurance)	pass	5.11	N.A
- Sulphur dioxide (SO2) corrosion (endurance)	pass	5.13	5.8
Durability of operational reliability, electrical stability			
- Variation of supply parameters	pass	5.6	5.3
- Electromagnetic compatibility (EMC), (operational)	pass	5.18	5.13

The performance of the product identified as «Product identification» and «Type» is in conformity with the declared "Table of performance". This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of Autronica Fire and Security:  
Trondheim, Norway, 2013-05-23

