

DECLARATION OF PERFORMANCE



AUTRONICA
FIRE AND SECURITY

According to Construction Products Regulation EU N° 305/2011

Input/output devices

Product identification	Autronica Barrier Unit
Type	BZ-500
Intended use	Intrinsically safe installations of detectors in hazardous area zone 0, 1 or 2.
Manufacturer	Autronica Fire and Security AS, PO Box 5620, 7483 Trondheim
System type	System 1
Notified body	NEMKO 0470
Certificate of Constancy of Performance (COP)	0470-CPD-0030
Table of performance	See table below

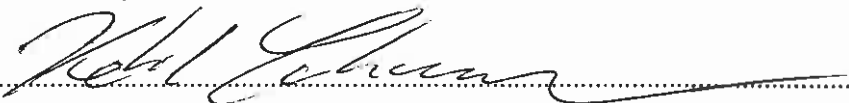
Table of performance

Harmonised technical specification		EN 54-18:2005 + AC:2007
Essential Characteristics	Performance	Clause
Response delay (response time) - Performance and variation of supply parameters	pass	5.2
Performance under fire conditions - Functional test	pass	5.1.4
Operational reliability - Functional test	pass	5.1.4
Durability of operational reliability, temperature resistance - Dry heat (operational)	pass	5.3
- Cold (operational)	pass	5.4
Durability of operational reliability, vibration resistance - Shock (operational)	pass	5.8
- Impact (operational)	pass	5.9
- Vibration, sinusoidal (operational)	pass	5.10
- Vibration, sinusoidal (endurance)	pass	5.11
Durability of operational reliability, humidity resistance		

Harmonised technical specification		EN 54-18:2005 + AC:2007
Essential Characteristics	Performance	Clause
- Damp heat, cyclic (operational)	pass	5.5
- Damp heat, steady state (endurance)	pass	5.6
Durability of operational reliability, corrosion resistance		
- Sulphur dioxide (SO ₂) corrosion (endurance)	pass	5.7
Durability of operational reliability, electrical stability		
- Performance and variation of supply parameters	pass	5.2
- Electromagnetic compatibility (EMC), immunity tests	pass	5.12

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



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