

DECLARATION OF PERFORMANCE N°21.5

DoP_FNC1n21rev5da29092025_E

1	Single identification code of the product-type	FNC1
2	Intended use	Circular fire dampers leakage rated (500Pa / 300Pa) for use in heating, ventilation and air-conditioning (HVAC) systems at fire boundaries to maintain compartmentation and protect means of escape in case of fire.
3	Manufacturer	MP3 srl - Via Giorgio La Pira, 9A/B- 35012 Camposampiero PD Italia
4	Authorised representative	*
5	Verification system of the constancy of performance	System 1
6a	Harmonised standard	EN 15650 2010
	Certificate of constancy of performance – CE	1812-CPR-1639
	Notified body	Efectis France n° 1812
	Certificate of constancy of performance – UKCA	2822-UKCA-CPR-0030
	Notified body	Efectis UK / Ireland n° 2822
6b	European assessment document	*
	European technical assessment	*
	Technical assessment body	*
	Notified bodies	*
7	Performances	The declared performances refer to the product used consistently with the intended use described in point 2 and correctly installed in accordance with the instructions in the technical manual and installation manual. In case of use different from the intended one and/or in the case of installation other than that described in the product's technical manual and installation manual, no performance can be declared.
Nominal activation conditions / sensitivity ISO 10294-4 ISO 21925-1		sensing element load bearing capacity conform
Response delay EN 1366-2		sensing element response temperature conform
Operational reliability EN 1366-2 EN 15650 – cycling test		closure time <2min conform
		manual 50 cycles conform
		motorized on/off 10000+100+100 cycles conform
		motorized modulating 10000+100+100 +10000 cycles conform
		with magnet 100+100+100 cycles conform
Durability of response delay EN 15650 Sensing element response temperature and load bearing capacity		conform
Durability of operational reliability EN 15650 Open and closing cycle		conform
Tightness class of the casing class ATC 3 (old class C) up to +/-2800Pa EN 1751		conform
Salt spray exposure test severity class 2 EN 60068-2-52		conform

Fire resistance EN 1366-2 EN 13501-3	Integrity E	Insulation I	Smoke leakage S
	Mechanical stability (under E)	Maintenance of cross section (under E)	

(*) In accordance with EU Regulation 305/2011, points 4, 6b and 8 do not apply to this product.

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	Position	Features	Sealing	Note	Fire resistance class
Rigid wall	within the wall	min. thickness 90mm, min classified at least EI60	mortar or plaster or rockwool and acrylic fire stopping sealant	A B D F	EI 60 (ve i↔o) S (300Pa)
	remote from the wall		acrylic fire stopping sealant	A B D F	EI 60 (ve i↔o) S (300Pa)
	remote from the wall		insulation with rockwool	A B D F	EI 60 (ve i↔o) S (300Pa)
Light wall	within the wall	A-type or higher plasterboard wall, min. thickness 90mm, timber or metal studs, optional rock wool insulation	mortar or plaster or rockwool and acrylic fire stopping sealant	A B D F	EI 60 (ve i↔o) S (300Pa)
	remote from the wall		acrylic fire stopping sealant	A B D F	EI 60 (ve i↔o) S (300Pa)
	remote from the wall		insulation with rockwool	A B D F	EI 60 (ve i↔o) S (300Pa)
Floor	within the floor	min. thickness 100mm, min. density 550kg/m³	mortar or plaster or rockwool and acrylic fire stopping sealant	A B D	EI 60 (ho i↔o) S (300Pa)
	remote from the floor		insulation with rockwool	A B D	EI 60 (ho i↔o) S (300Pa)

NOTE	A installation without duct connection permitted	B minimum distance between two fire dampers 100mm
	C minimum distance between two fire dampers 200mm	D 75mm between fire damper and ceiling or side wall
	E 50mm between fire damper and ceiling or side wall	F blade axis direction at any angle

8	Appropriate technical documentation and/or specific technical documentation	*
9	Declaration	The performances of the product referred to in point 1 are in conformity with the declared performances declared under point 7. This declaration of performance is established under the sole responsibility of the manufacturer identified in point 3.

Servomotors disponibili	BELIMO	BFL 24 T – BFL24 TST BFL230 T- BFL 24 SR-T
	GRUNER	340TA-024-05-S2- 340TA-230-05-S2- 340TA-024-05-ST01
	SIEMENS	GRA 126 1E T12- GNA 126 1E T12 GRA 326 1E T12- GNA 326 1E T12

Camposampiero, 29/09/2025


Giuseppe Lanzilao
General Manager MP3

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