

SEGURFOC ALARM S02Z1-K 300/500 V

**Fire-resistant cable
for detection and alarm systems**




SEGURFOC ALARM S02Z1-K 300/500 V



The **SegurfoC Alarm** cable is designed for use in electrical circuits for fire detection.

The use of such cables is highly recommendable in the safety services of premises used by the public.

“Cables intended for use in the circuits of non-autonomous safety services or the circuits of services with centralised autonomous power sources must remain in operation during and after the fire, comply with the specifications of the IEC 60331-21 standard, and have low smoke emissions and opacity.”

SEGURFOC ALARM  cables have been designed specifically by our R+D+I department to be applied in this area.



These cables are made with flexible class 5 conductors and feature special fireproof, halogen-free, heat-stable insulation.

They have an aluminium polyester shield with tinned copper drain wire, specially designed to guarantee the transmission of signals and protect them from electromagnetic interference. Their jacket is an especially flexible, fireproof, halogen-free thermoplastic polyolefine.

The end result is a cable ideal for installations of electrical circuits for fire detection **with an exceptional anti-fire performance** that exceeds the requirements of the IEC 60331-21 standard, guarantees service in the severest fire conditions, and upholds the integrity of the most essential circuits.



ANTI-FIRE PERFORMANCE:



Fire resistant
UNE-EN 50200 PH90
IEC 60331



Non-fire propagating
UNE-EN 50266-2-4
Category C
IEC 60332-3



Non-flame
propagating
UNE-EN 60332-1-2
IEC 60332-1-2



Halogen-free
UNE-EN 50267
IEC 60754-2



Low acidity and
corrosiveness
UNE-EN 50267
IEC 60754-2



Low opaque smoke
emission
UNE-EN 61034-2
IEC 61034-2

TECHNICAL NAME

S02Z1-K

SERVICE TEMPERATURE IN PERMANENT OPERATION

90°C

CONDUCTOR

Class 5 electrolytic annealed copper (-K)

INSULATION

Special halogen-free, fireproof heat-stable compound (S)

SCREEN

 Aluminium polyester with tinned copper drain wire against electromagnetic interference (O₂)

JACKET

Special flexible, fireproof, halogen-free thermoplastic polyolephine (Z1)

APPLICATIONS

Highly recommendable for the safety circuits of premises used by the public: emergency lighting, anti-fire systems or other emergency services.

COLOURING

 Insulation: **Red-Black**

 Jacket: **Orange**
AVAILABLE IN

	Code	Section	Packaging
REELS:	1607206NJP	Segurfoc Alarm 2 x 1.5 mm ²	drums
	1607207NJP	Segurfoc Alarm 2 x 2.5 mm ²	drums
ROLLS:	1608206NJP	Segurfoc Alarm 2 x 1.5 mm ²	R100 coils
	1608207NJP	Segurfoc Alarm 2 x 2.5 mm ²	R100 coils



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