

NF M 87 - 202 EISF

Instrumentation and control cable, 500 V
+90 °C service temperature, individual & collective screen, fire retardant, sunlight and oil resistant
NF M 87 - 202

Application

Instrumentation cables are used for the transmission of AC or DC analogue signals in the papermaking, chemical and petrochemical industries.

Construction



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| 1. Conductor: | Copper conductor, solid (class 1)
Copper conductor, stranded (class 2)
Copper conductor, flexible (class 5) |
| 2. Insulation: | PVC 90 °C |
| 3. Identification: | Pairs (IP) – white, red numbered
Triples (IT) – white, red, blue numbered
Quad (IQ) - white, red, blue, yellow numbered |
| 4. Separator: | 1 Layer of plastic tape (optional) |
| 5. Individual screen: | Laminated Alu/PETP tape + tinned copper drain wire |
| 6. Individual sheath: | PVC 90 °C |
| 7. Separator: | 1 Layer of plastic tape (optional) |
| 8. Collective screen: | Laminated Alu/PETP tape + tinned copper drain wire |
| 9. Outer sheath: | PVC, light blue or grey (other colors on request) |

Technical information

Operating voltage		500 V
Test voltage	core-core	1500 V
	core-screen	1000 V
Max. permissible temperature at conductor		90 °C
Min. operating temperature	fixed installation	-30 °C
Installation temperature		-5 °C to 50 °C
Min. bending radius mm	fixed installation	10 x outer diameter in mm
Safety parameters		
Flame propagation	single cable	IEC 60332-1
	bunched cables	IEC 60332-3-24
Additional parameters		
UV resistance		UL1581 section1200
Oil resistance		NF M 87 - 202 Annex A & ICEA S-73-532 (4h, 70 °C)
Hydrocarbon resistance		NF M 87 - 202

La version française de cette fiche technique est disponible sur demande.
De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.