



Reference: 10048781  
Country Ref.: 01270264  
EAN 13: 3427580038440

### CONTACT

Market information  
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- Instrumentation cables 250 V
- Overall Screen (OS)
- Hydrocarbons resistant and HALOGEN FREE

### STANDARDS

Test NF C32-070/C1

### APPLICATIONS

These instrumentation and communication cables are used to transmit analogue or digital signals in measurement and process control where hydrocarbons may be present. These cables are fire retardant in compliance with the requirements of the NFC 32070 C1 standard.

### Nexans code

- 1st serie = number of pairs, triples or quads: 01 to 27
- 2nd serie = pair (IP), triple (IT), quad (IQ)
- 3rd serie = conductor 05 (0.8 mm wire), 09 (7 wires of 0.4 mm) or 15 (7 x 0.52 mm)
- 4th serie = collective screen (EG), individual screen + collective screen (EI)
- 5th serie = mechanical protection: without metal tape (SF), with steel tape (FA), with lead and steel tape (PF)

### Design

#### Conductor:

- Stranded plain copper cross-section 0.88 mm<sup>2</sup> (7 x 0.40 mm)

#### Insulation:

- Polyethylene (PE)

#### Collective screen:

- Polyester tape
- Tinned copper drain wire
- Aluminium/polyester tape

#### Outer sheath:

- Thermoplastic zero halogen
- Colour: light-blue

### Core identification

Pair: natural - red  
Triple: natural - red - blue

### Marking

NEXANS 279 - Number of pair/triple IP/IT 09 EG SF OH NFC 32070 C1 OH + metric marking



无卤  
是



阻燃  
NF C 32-070 C1



耐化学物质  
Hydrocarbons resistant



抗电磁干扰  
是



操作温度  
-20 ... 60 ° C



芯线最高静止温度  
70 ° C

## CHARACTERISTICS

### 结构特性

导体材料	裸铜
绝缘	聚乙烯
总屏蔽	Tinned copper drain wire + aluminium/polyester tape
外护套	热塑材料
护套颜色	浅蓝
无卤	是

### 尺寸特性

导线截面	0.88 mm <sup>2</sup>
线对数	0
三线组数	1
外径最小值	6.4 mm
Maximum outer diameter	7.4 mm
近似重量	62 kg/km

### 电气特性

工作电压	250 V
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### 使用特性

阻燃	NF C 32-070 C1
耐化学物质	Hydrocarbons resistant
抗电磁干扰	是
操作温度范围	-20 ... 60 ° C
芯线最高静止温度	70 ° C
标准	NFM

## ELECTRICAL DATA NF M 87202

### Electrical data

Section	Maximum Voltage (V)	Voltage Test (V)	DC Lineic resistance at 20°C (Ω/km)	Self Inductance mH/km		Capacitance between cond. (nF/km)
				Non Armoured	Armoured	
05	250	2 000	37.5	0.33	0.38	≤145
09	250	2 000	21.4	0.31	0.36	≤160
15	250	2 000	12.1	0.31	0.36	≤180



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## SELLING AND DELIVERY INFORMATION

Minimum bending radius:

1 core: 10 x outer diameter  
To be doubled during laying operations



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