

## Industrial bus signals in C146M



### Characteristics:

- Module offers possibility to include 2 X 4 pole shielded contact carriers
- Ideal solution for bus transmission in modular hybrid connectors
- High mating cycles
- Can be combined with other power & signal modules of series C146M

### Areas of application

- Wind power
- Railways
- Machinery

## Technical Characteristics

General Characteristics	Standard	Value
Number of contacts		Max 2X4 poles
Termination technique		crimp
Wire gauge		0,5 mm <sup>2</sup> ... 2,5 mm <sup>2</sup>
Flammability	UL 94	V-0

### Climatic Characteristics

Temperature range	IEC 60068-1	-40 to +125°C
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### Mechanical Characteristics

Mechanical operation	IEC 60512-5; test 9a	< 500 mating cycles
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### Electrical Characteristics

Rated voltage	IEC 60664-1	50V
Pollution degree	IEC 60664-1	3
Material group	IEC 60664-1	IIIb (PC)
Installation (over voltage) category	IEC 60664-1	III
Rated impulse withstand voltage	IEC 60664-1	0,8KV
Rated current ( $\vartheta_{amb}=40^{\circ}\text{C}$ )		10A
Contact resistance	IEC 60512-2; test 2a	<5m Ohm

### Materials

Inserts		PC
Colour		grey
Contacts		Cu alloy
Surface of contacts		Ag or Au

### Part Numbers

	Modules	Contact carrier	Contacts
<b>Male</b>	C146 A08 102 E8 Male Insert 2 quintax positions	C146 A05 100 G8	VN01 016 0024 (2)C VN01 016 0025 (2)C VN01 016 0026 (2)C VN01 016 0027 (2)C VN01 016 0028 (2)C
<b>Female</b>	C146 B08 102 E8 Female Insert 2 quintax positions	C146 B05 100 G8	VN02 016 0024 (2)C VN02 016 0025 (2)C VN02 016 0026 (2)C VN02 016 0027 (2)C VN02 016 0028 (2)C

#### General Information

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