

|                           |                            |                                                                                     |
|---------------------------|----------------------------|-------------------------------------------------------------------------------------|
| 44423100                  | <b>DATA SHEET</b>          |  |
| Valid from:<br>03.11.2020 | <b>EPIC® M17 SIGNAL D6</b> |                                                                                     |

## Description:

Cable connector straight  
 SPEEDCON-Lock, M17  
 Number of pins: 8 or 17  
 Contact type: male/female, Crimp connection  
 Sealing: O-Ring axial  
 Shielded: yes  
 Cable diameter: 3, 5 mm – 11 mm



## Product variations:

| Article number | Typ    | Pin-arrangement | PU |
|----------------|--------|-----------------|----|
| 44423100       | female | 8 Pin           | 5  |
| 44422102       | male   | 8 Pin           | 5  |
| 44423101       | female | 17 Pin          | 5  |
| 44423103       | male   | 17 Pin          | 5  |

## General characteristics:

|                                |                                 |
|--------------------------------|---------------------------------|
| Connector type                 | Cable connector                 |
| Number of pins                 | 8 / 17                          |
| Connector lock                 | Speedcon                        |
| Cable diameter                 | 3,5 mm – 11 mm                  |
| Termination method             | Crimp termination               |
| Upper temperature limit        | + 125 °C                        |
| Lower temperature limit        | - 40 °C                         |
| Contacts, base material        | CuZn (brass)                    |
| Contacts, surface              | Au (gold)                       |
| Insert material                | PA                              |
| Housing material               | Zinc die-casting, nickel plated |
| Sealing material               | FPM                             |
| Protection class               | IP 67                           |
| Pollution degree               | 3                               |
| Overvoltage category           | III                             |
| Cycles of mechanical operation | >100                            |

AbN  
automation

|                                           |                                       |             |
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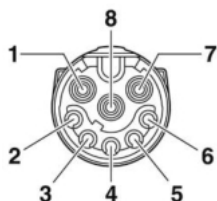
## Version 8 Pin

### Electrical characteristics:

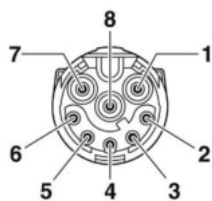
|                           |                                            |
|---------------------------|--------------------------------------------|
| Rated voltage             | 48V AC / 74V DC                            |
| Rated impulse voltage     | 1500 V                                     |
| Rated current (25°C)      | 3,6 A                                      |
| Contact diameter          | 1 mm                                       |
| Termination cross-section | 0,06 mm <sup>2</sup> – 1,0 mm <sup>2</sup> |

### Pin-arrangement:

Female



Male



### Fitting female contacts (contacts must be ordered separately)



#### Lapp Art. No. Description

|           |                                                                                                                         |
|-----------|-------------------------------------------------------------------------------------------------------------------------|
| 44423122: | Crimp contact, drilled, contact diameter: 1 mm, termination cross-section: 0,06 mm <sup>2</sup> ...0,25 mm <sup>2</sup> |
| 44423123: | Crimp contact, drilled, contact diameter: 1 mm, termination cross-section: 0,34 mm <sup>2</sup> ...0,5 mm <sup>2</sup>  |
| 44423124: | Crimp contact, drilled, contact diameter: 1 mm, termination cross-section: 0,5 mm <sup>2</sup> ...1 mm <sup>2</sup>     |

### Fitting male contacts (contacts must be ordered separately)



#### Lapp Art. No. Description

|           |                                                                                                                         |
|-----------|-------------------------------------------------------------------------------------------------------------------------|
| 44423130: | Crimp contact, drilled, contact diameter: 1 mm, termination cross-section: 0,06 mm <sup>2</sup> ...0,25 mm <sup>2</sup> |
| 44423131: | Crimp contact, drilled, contact diameter: 1 mm, termination cross-section: 0,34 mm <sup>2</sup> ...0,5 mm <sup>2</sup>  |
| 44423132: | Crimp contact, drilled, contact diameter: 1 mm, termination cross-section: 0,5 mm <sup>2</sup> ...1 mm <sup>2</sup>     |

|                                           |                                       |             |
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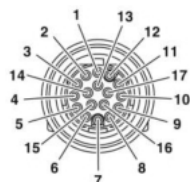
## Version 17 Pin

### Electrical characteristics:

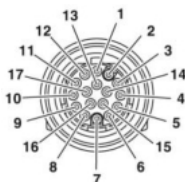
|                           |                                            |
|---------------------------|--------------------------------------------|
| Rated voltage             | 48V AC / 74V DC                            |
| Rated impulse voltage     | 1500 V                                     |
| Rated current (25°C)      | 3,6 A                                      |
| Contact diameter          | 0,6 mm                                     |
| Termination cross-section | 0,06 mm <sup>2</sup> – 0,5 mm <sup>2</sup> |

### Pin-arrangement:

Female



Male



### Fitting female contacts (contacts must be ordered separately)



| Lapp Art. No. | Description                                                                                                               |
|---------------|---------------------------------------------------------------------------------------------------------------------------|
| 44423125:     | Crimp contact, drilled, contact diameter: 0,6 mm, termination cross-section: 0,06 mm <sup>2</sup> ...0,25 mm <sup>2</sup> |
| 44423126:     | Crimp contact, drilled, contact diameter: 0,6 mm, termination cross-section: 0,06 mm <sup>2</sup> ...0,34 mm <sup>2</sup> |
| 44423127:     | Crimp contact, drilled, contact diameter: 0,6 mm, termination cross-section: 0,34 mm <sup>2</sup> ...0,5 mm <sup>2</sup>  |

### Fitting male contacts (contacts must be ordered separately)



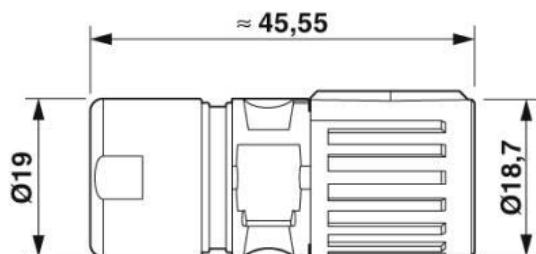
| Lapp Art. No. | Description                                                                                                               |
|---------------|---------------------------------------------------------------------------------------------------------------------------|
| 44423133:     | Crimp contact, drilled, contact diameter: 0,6 mm, termination cross-section: 0,06 mm <sup>2</sup> ...0,25 mm <sup>2</sup> |
| 44423134:     | Crimp contact, drilled, contact diameter: 0,6 mm, termination cross-section: 0,06 mm <sup>2</sup> ...0,34 mm <sup>2</sup> |
| 44423135:     | Crimp contact, drilled, contact diameter: 0,6 mm, termination cross-section: 0,34 mm <sup>2</sup> ...0,5 mm <sup>2</sup>  |

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#### Drawings and dimensions of the connector:



#### Application range:

Plant engineering; measurement and control technology; apparatus construction

#### Remark:

Photographs are not to scale and do not represent detailed images of the respective products.

|                                           |                                       |             |
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