

# SAC-12P-10,0-PUR/M12FS MC - Master cable



1530799

<https://www.phoenixcontact.com/us/products/1530799>

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Master cable, number of positions: 12, coding: A, status display: no, Universal



## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1530799                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | BF03                           |
| Product key                          | AF1CGA                         |
| GTIN                                 | 4046356024471                  |
| Weight per piece (including packing) | 461.2 g                        |
| Weight per piece (excluding packing) | 461.2 g                        |
| Customs tariff number                | 85444290                       |
| Country of origin                    | DE                             |

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## Technical data

### Product properties

|                     |                         |
|---------------------|-------------------------|
| Product type        | Master cable, assembled |
| Number of positions | 12                      |
| Coding              | A                       |

### Electrical properties

|                       |         |
|-----------------------|---------|
| Nominal voltage $U_N$ | 30 V AC |
|                       | 30 V DC |

### Connection data

|                   |                  |
|-------------------|------------------|
| Connection method | Fixed connection |
|-------------------|------------------|

### Signaling

|                        |    |
|------------------------|----|
| Status display present | no |
|------------------------|----|

### Material specifications

|  |      |
|--|------|
| Flammability rating according to UL 94 | HB   |
| Contact material                       | CuSn |
| Contact surface material               | Au   |

### Connector

#### Connection 1

|             |   |
|-------------|---|
| Coding type | A |
|-------------|---|

### Cable/line

|                                 |   |
|---------------------------------|---|
| Number of positions             | 10  |
| Shielded                        | no  |
| Conductor cross-section         | 8x 0.14 mm <sup>2</sup> (Signal)                                  |
|                                 | 2x 0.25 mm <sup>2</sup> (Supply)                                  |
| Outer sheath, material          | PUR   |
| External sheath, color          | black RAL 9005  |
| Single wire, color              | brown, blue, white, green, pink, yellow, black, gray, red, violet |
| Ambient temperature (operation) | -40 °C ... 80 °C (cable, fixed installation)                      |
|                                 | -25 °C ... 80 °C (Cable, flexible installation)                   |

### Environmental and real-life conditions

#### Ambient conditions

|  |   |
|--|---|
| Degree of protection   | IP68  |
| Ambient temperature (operation) (Cable, fixed installation)    | -40 °C ... 80 °C (cable, fixed installation)    |
| Ambient temperature (operation) (Cable, flexible installation) | -25 °C ... 80 °C (Cable, flexible installation) |

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## Standards and regulations

|                          |                 |
|--------------------------|-----------------|
| Standard designation     | M12 connector   |
| Standards/specifications | IEC 61076-2-101 |

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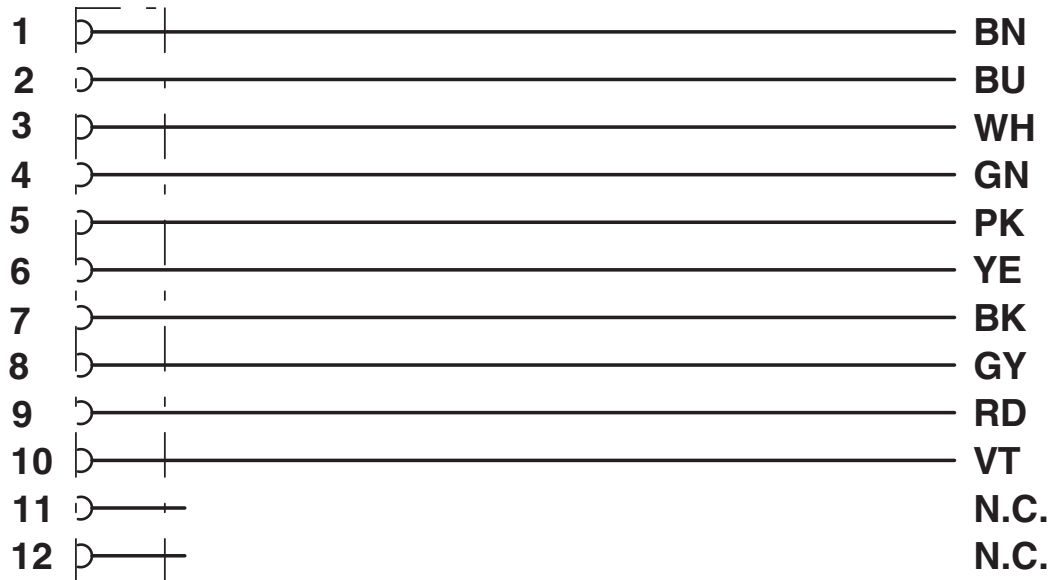


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## Drawings

Circuit diagram



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