

## Distributor - SAC-ASI-J-Y-N-PUR-2,0-OE - 1407580

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AS-Interface distributor with a high degree of protection, for a branch from one flat-ribbon conductor to a 2.0 m PUR round cable with free cable end



### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 pc  |
| GTIN         | <br>4 046356 780001 |
| GTIN         | 4046356780001   |

### Technical data

#### Dimensions

|                 |     |
|-----------------|-----|
| Length of cable | 2 m |
|-----------------|-----|

#### Ambient conditions

|   |   |
|---|---|
| Degree of protection                    | IP65  |
|   | IP67  |
| Ambient temperature (operation)         | -25 °C ... 75 °C                                |
|   | -25 °C ... 80 °C (cable, flexible installation) |
|   | -40 °C ... 80 °C (cable, fixed installation)    |
| Ambient temperature (storage/transport) | -25 °C ... 85 °C                                |

#### General data

|                       |                            |
|-----------------------|----------------------------|
| Rated current at 40°C | 4 A                        |
| Rated voltage         | ≤ 32 V DC                  |
| Number of positions   | 2                          |
| Overvoltage category  | III                        |
| Degree of pollution   | 3                          |
| Connection method     | AS-i penetration technique |

#### Characteristics head 1

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### Technical data

#### Characteristics head 1

|  |  |
|--|--|
| Head type                                | Load center lateral AS-i Screw locking |
| No. of positions (pin connector pattern) | 2                                      |
| Material (component)                     | CuSn (Contact)                         |
|  | Ni/Au (Contact surface)                |
|  | PBT (Contact carriers)                 |
|  | PBT (Housing)                          |
|  | Stainless steel (Screw connection)     |
| Torque                                   | 1.65 Nm (Locking screw)                |

#### Characteristics head 2

|           |                |
|-----------|----------------|
| Head type | free cable end |
| Color     | black          |

#### Cable

|   |                                       |
|---|---------------------------------------|
| Cable type                              | PUR halogen-free black                |
| Cable type (abbreviation)               | PUR                                   |
| UL AWM style                            | 20549 / 10493                         |
| Conductor cross section                 | 4x 0.34 mm <sup>2</sup> (Signal line) |
| AWG signal line                         | 22                                    |
| Conductor structure signal line         | 42x 0.10 mm                           |
| Core diameter including insulation      | 1.25 mm ±0.05 mm                      |
| Wire colors                             | brown, white, blue, black             |
| Overall twist                           | 4 wires, twisted                      |
| External sheath, color                  | black                                 |
| External cable diameter D               | 4.3 mm ±0.2 mm                        |
| Outer sheath, material                  | PUR                                   |
| Material conductor insulation           | PP                                    |
| Conductor material                      | Bare Cu litz wires                    |
| Ambient temperature (operation)         | -40 °C ... 80 °C (fixed routing)      |
|   | -25 °C ... 80 °C (Flexibly installed) |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C                      |

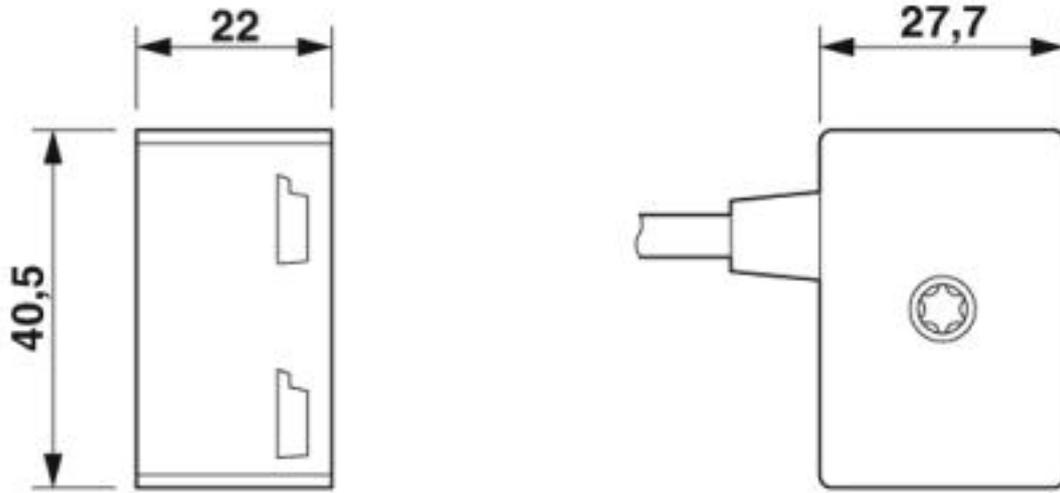
#### Environmental Product Compliance

|            |   |
|------------|---|
| REACH SVHC | Lead 7439-92-1  |
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

### Drawings

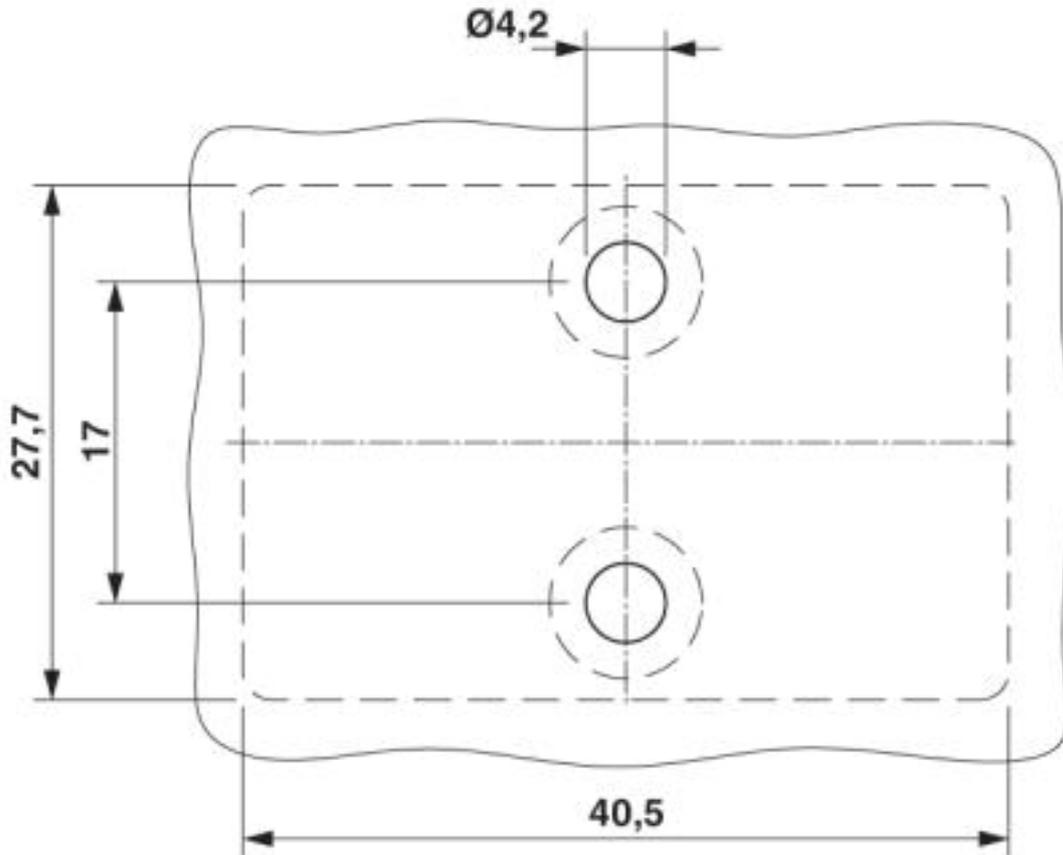
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Dimensional drawing



Distributor, AS-Interface

Dimensional drawing



Distance and position of the mounting holes

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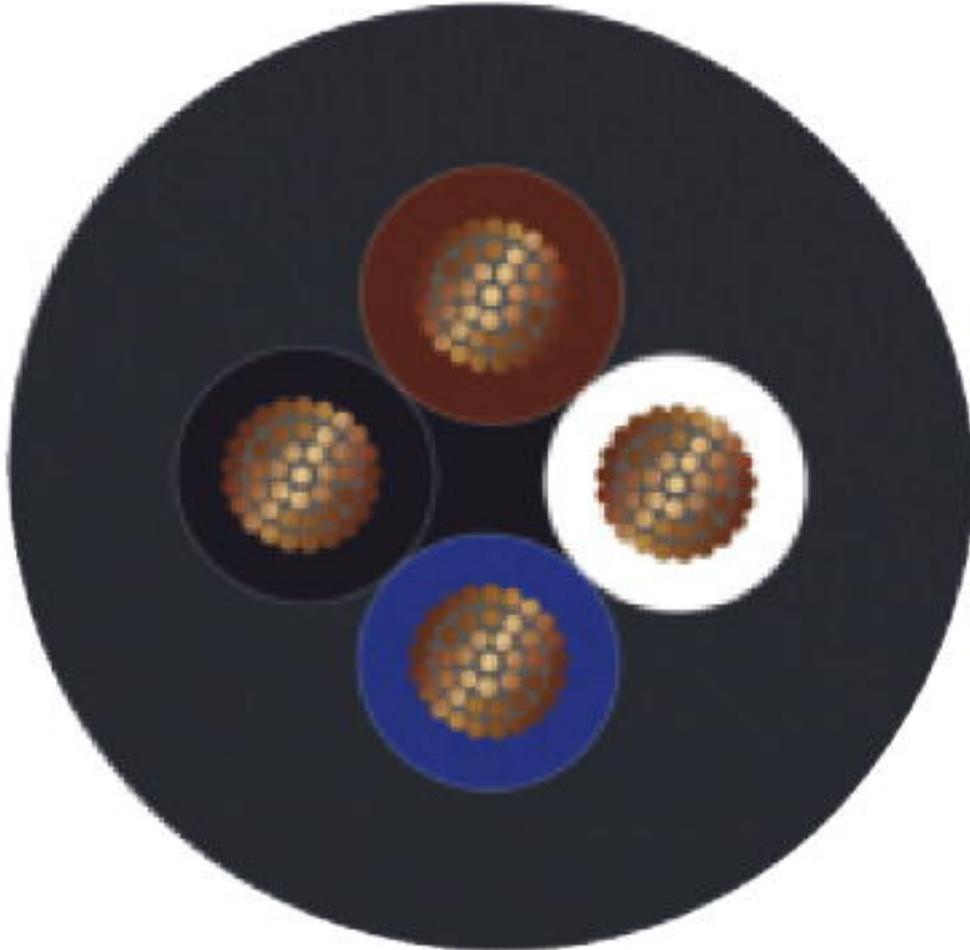
Circuit diagram



Contact assignment of the AS-Interface distributor

## Distributor - SAC-ASI-J-Y-N-PUR-2,0-OE - 1407580

Cable cross section



PUR halogen-free black [PUR]

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>