

# SAC-4P-M 8FS/.../... - Sensor/actuator cable



1697771

<https://www.phoenixcontact.com/in/products/1697771>

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Sensor/actuator cable, 4-position, Variable cable type, free cable end, on Socket straight M8, cable length: Free input (0.2 ... 40.0 m)

## Your advantages

- Easy and safe: 100% electrically tested plug-in components

## Commercial Data

|                        |                                |
|------------------------|--------------------------------|
| Item number            | 1697771                        |
| Packing unit           | 1 pc                           |
| Minimum order quantity | 1 pc                           |
| Note                   | Made to Order (non-returnable) |
| Sales Key              | BF1                            |
| Product Key            | BF1BCA                         |
| Catalog Page           | Page 194 (C-2-2019)            |
| Customs tariff number  | 85444290                       |
| Country of origin      | PL                             |

# SAC-4P-M 8FS/.../... - Sensor/actuator cable



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## Technical Data

### Product properties

|                      |                                    |
|----------------------|------------------------------------|
| Product type         | Sensor/actuator cable              |
| Number of positions  | 4                                  |
| Application          | Standard<br>Robots and drag chains |
| No. of cable outlets | 1                                  |
| Shielded             | no                                 |
| Coding               | A                                  |

### Insulation characteristics

|                      |    |
|----------------------|----|
| Overvoltage category | II |
| Degree of pollution  | 3  |

### Material specifications

|  |   |
|--|---|
| Flammability rating according to UL 94 | HB  |
| Seal material                          | NBR   |
| Material of grip body                  | TPU, hardly inflammable, self-extinguishing |
| Contact material                       | CuSn  |
| Contact surface material               | Ni/Au                                       |
| Contact carrier material               | TPU GF                                      |
| Material for screw connection          | Zinc die-cast, nickel-plated                |

### Electrical properties

|                       |                            |
|-----------------------|----------------------------|
| Contact resistance    | $\leq 5 \text{ m}\Omega$   |
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |
| Nominal voltage $U_N$ | 48 V AC<br>60 V DC         |
| Nominal current $I_N$ | 4 A                        |
| Protective circuit    | unwired                    |

### Mechanical properties

#### Mechanical data

|                             |            |
|-----------------------------|------------|
| Insertion/withdrawal cycles | $\geq 100$ |
|-----------------------------|------------|

### Signaling

|                        |    |
|------------------------|----|
| Status display         | No |
| Status display present | No |

### Connection data

#### Conductor connection

|                   |                        |
|-------------------|------------------------|
| Tightening torque | 0.2 Nm (M8 connectors) |
|-------------------|------------------------|

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## Connector

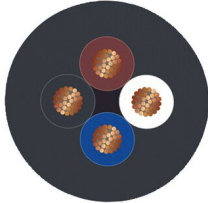
### Connection 2

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

## Cable/line

|              |                             |
|--------------|-----------------------------|
| Cable length | Free input (0.2 ... 40.0 m) |
|--------------|-----------------------------|

### PUR halogen-free black [PUR]

|   |  |
|---|--|
| Dimensional drawing                           |  |
| Shielded                                      | no   |
| UL AWM Style                                  | 20549 / 10493 (80°C/300 V)   |
| Cable weight                                  | 23 kg/km   |
| Cable type                                    | PUR halogen-free black   |
| Short symbol                                  | Li9Y11Y-HF   |
| Cable type (abbreviation)                     | PUR  |
| External cable diameter                       | 3.95 mm ±0.15 mm   |
| Outer sheath, material                        | PUR  |
| External sheath, color                        | black-gray RAL 7021  |
| Conductor material                            | Bare Cu litz wires   |
| Conductor structure signal line               | 32x 0.10 mm  |
| AWG signal line                               | 24   |
| Conductor cross section                       | 4x 0.25 mm <sup>2</sup> (Signal line)  |
| Material wire insulation                      | PP   |
| Thickness, insulation                         | ≥ 0.21 mm (Core insulation)  |
| Wire diameter incl. insulation                | 1.17 mm ±0.02 mm (Signal line)   |
| Single wire, color                            | brown, white, blue, black  |
| Overall twist                                 | 4 wires, twisted   |
| Nominal voltage, cable                        | ≤ 300 V  |
| Test voltage, cable                           | ≥ 3000 V   |
| Cable resistance                              | max. 78 Ω/km (at 20 °C)  |
| Cable insulation resistance                   | ≥ 100 GΩ*km (at 20 °C)   |
| Smallest bending radius, fixed installation   | 20 mm  |
| Smallest bending radius, movable installation | 40 mm  |
| Number of bending cycles                      | 10000000   |
| Bending radius                                | 44 mm  |
| Traversing path                               | 10 m   |

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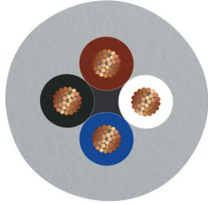


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|                                 |  |
|---------------------------------|--|
| Traversing rate                 | 3 m/s  |
| Acceleration                    | 5 m/s <sup>2</sup>   |
| Halogen-free                    | in accordance with DIN VDE 0472 part 815   |
| Resistance to oil               | in accordance with DIN EN 60811-2-1  |
| Flame resistance                | in accordance with UL 758/1581 FT2<br>DIN EN 60332-2-2 (20 s)  |
| Other resistance                | Highly resistant to acids, alkaline solutions and solvents<br>hydrolysis and microbe resistant<br>partly UV-resistant in accordance with DIN EN ISO 4892-2-A |
| Special properties              | Flexible cable conduit capable<br>Silicone-free<br>Free of substances which would hinder coating with paint or varnish                                       |
| Ambient temperature (operation) | -25 °C ... 80 °C (Cable, flexible installation)<br>-40 °C ... 80 °C (cable, fixed installation)  |

## PUR halogen-free gray [280]

|                                 |  |
|---------------------------------|--|
| Dimensional drawing             |  |
| Shielded                        | no   |
| UL AWM Style                    | 20549 / 10493 (80°C/300 V)   |
| Cable weight                    | 23 kg/km   |
| Cable type                      | PUR halogen-free gray  |
| Short symbol                    | Li9Y11Y-HF   |
| Cable type (abbreviation)       | 280  |
| External cable diameter         | 3.95 mm ±0.15 mm   |
| Outer sheath, material          | PUR  |
| External sheath, color          | gray RAL 7001  |
| Conductor material              | Bare Cu litz wires   |
| Conductor structure signal line | 32x 0.10 mm  |
| AWG signal line                 | 24   |
| Conductor cross section         | 4x 0.25 mm <sup>2</sup> (Signal line)  |
| Material wire insulation        | PP   |
| Thickness, insulation           | ≥ 0.21 mm (Core insulation)  |
| Wire diameter incl. insulation  | 1.17 mm ±0.02 mm (Signal line)   |
| Single wire, color              | brown, white, blue, black  |
| Overall twist                   | 4 wires, twisted   |
| Nominal voltage, cable          | ≤ 300 V  |

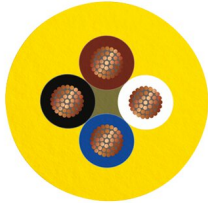
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|   |  |
|---|--|
| Test voltage, cable                           | ≥ 3000 V   |
| Cable resistance                              | max. 78 Ω/km (at 20 °C)  |
| Cable insulation resistance                   | ≥ 100 GΩ*km (at 20 °C)   |
| Smallest bending radius, fixed installation   | 20 mm  |
| Smallest bending radius, movable installation | 40 mm  |
| Number of bending cycles                      | 10000000   |
| Bending radius                                | 44 mm  |
| Traversing path                               | 10 m   |
| Traversing rate                               | 3 m/s  |
| Acceleration                                  | 5 m/s <sup>2</sup>   |
| Halogen-free                                  | in accordance with DIN VDE 0472 part 815   |
| Resistance to oil                             | in accordance with DIN EN 60811-2-1  |
| Flame resistance                              | in accordance with UL 758/1581 FT2<br>DIN EN 60332-2-2 (20 s)  |
| Other resistance                              | Highly resistant to acids, alkaline solutions and solvents<br>hydrolysis and microbe resistant<br>partly UV-resistant in accordance with DIN EN ISO 4892-2-A |
| Special properties                            | Flexible cable conduit capable<br>Silicone-free<br>Free of substances which would hinder coating with paint or varnish                                       |
| Ambient temperature (operation)               | -25 °C ... 80 °C (Cable, flexible installation)<br>-40 °C ... 80 °C (cable, fixed installation)  |

## PUR halogen-free yellow [240]

|                           |  |
|---------------------------|--|
| Dimensional drawing       |  |
| Shielded                  | no   |
| UL AWM Style              | 20549  |
| Cable weight              | 25 kg/km   |
| Cable type                | PUR halogen-free yellow  |
| Short symbol              | Li9Y11Y  |
| Cable type (abbreviation) | 240  |
| External cable diameter   | 4.4 mm ±0.15 mm  |
| Outer sheath, material    | PUR  |
| External sheath, color    | yellow, similar to RAL 1021  |
| Thickness, outer sheath   | approx. 0.75 mm  |
| Conductor material        | Bare Cu litz wires   |

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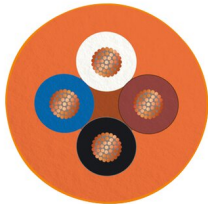


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|   |   |
|---|---|
| Conductor structure signal line                 | 32x 0.10 mm   |
| AWG signal line                                 | 24  |
| Conductor cross section                         | 4x 0.25 mm <sup>2</sup> (Signal line)   |
| Material wire insulation                        | PP  |
| Thickness, insulation                           | ≥ 0.21 mm   |
| Wire diameter incl. insulation                  | 1.17 mm ±0.02 mm  |
| Single wire, color                              | brown, white, blue, black   |
| Overall twist                                   | 4 wires, twisted  |
| Length of twist, overall twist                  | 45 mm   |
| Nominal voltage, cable                          | ≤ 300 V AC  |
| Test voltage, cable                             | ≥ 3000 V AC (Spark test)  |
| Cable resistance                                | 78 Ω/km (at 20 °C)  |
| Cable insulation resistance                     | ≥ 1 GΩ*km (at 20 °C)  |
| Minimum bending radius, fixed installation      | 5 x D   |
| Minimum bending radius, flexible installation   | 10 x D  |
| Number of bending cycles                        | 4000000   |
| Minimum bending radius, drag chain applications | 10 x D  |
| Traversing path                                 | 10 m  |
| Traversing rate                                 | 3 m/s   |
| Acceleration                                    | 10 m/s <sup>2</sup>   |
| Halogen-free                                    | in accordance with DIN VDE 0472 part 815<br>in accordance with EN 50267-2-1                       |
| Resistance to oil                               | According to DIN EN 60811-2-1, 168 h at 100°C<br>According to UL 758, 168 h at 60°C               |
| Flame resistance                                | in accordance with UL 758/1581 FT2  |
| Other resistance                                | hydrolysis and microbe resistant<br>Resistant to salt water<br>abrasion-resistant<br>Low adhesion |
| Ambient temperature (operation)                 | -25 °C ... 80 °C (Cable, flexible installation)<br>-40 °C ... 80 °C (cable, fixed installation)   |

PUR halogen-free orange [180]

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Shielded            | no   |
| UL AWM Style        | 20549  |
| Cable weight        | 25 kg/km   |

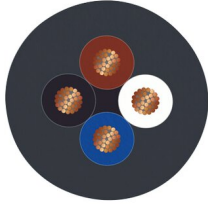
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|   |  |
|---|--|
| Cable type                                  | PUR halogen-free orange                  |
| Short symbol                                | Li9Y-11Y                                 |
| Cable type (abbreviation)                   | 180                                      |
| External cable diameter                     | 4.4 mm ±0.15 mm                          |
| Outer sheath, material                      | PUR                                      |
| External sheath, color                      | orange RAL 2003                          |
| Conductor material                          | Bare Cu litz wires                       |
| Conductor structure signal line             | 32x 0.10 mm                              |
| AWG signal line                             | 24                                       |
| Conductor cross section                     | 4x 0.25 mm <sup>2</sup> (Signal line)    |
| Material wire insulation                    | PP                                       |
| Thickness, insulation                       | ≥ 0.21 mm (Core insulation)              |
| Wire diameter incl. insulation              | 1.17 mm ±0.02 mm (Signal line)           |
| Single wire, color                          | brown, white, blue, black                |
| Overall twist                               | 4 wires, twisted                         |
| Nominal voltage, cable                      | ≤ 300 V                                  |
| Test voltage, cable                         | ≥ 3000 V                                 |
| Cable resistance                            | max. 78 Ω/km (at 20 °C)                  |
| Cable insulation resistance                 | ≥ 10 GΩ*km (at 20 °C)                    |
| Smallest bending radius, fixed installation | 22 mm                                    |
| Halogen-free                                | in accordance with DIN VDE 0472 part 815 |
| Flame resistance                            | in accordance with DIN UL-Style 20549    |
| Ambient temperature (operation)             | -25 °C ... 80 °C (Cable)                 |

## PVC black [PVC]

|                                 |  |
|---------------------------------|--|
| Dimensional drawing             |  |
| Shielded                        | no   |
| UL AWM Style                    | 2464 / 1729 (80°C/300 V)   |
| Cable weight                    | 33 kg/km   |
| Cable type                      | PVC black  |
| Short symbol                    | LiYY   |
| Cable type (abbreviation)       | PVC  |
| External cable diameter         | 4.4 mm ±0.15 mm  |
| Outer sheath, material          | PVC  |
| External sheath, color          | black RAL 9005   |
| Conductor material              | Bare Cu litz wires   |
| Conductor structure signal line | 14x 0.15 mm  |

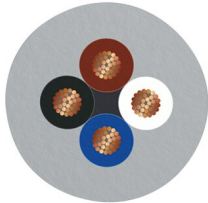
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|  |   |
|--|---|
| AWG signal line                            | 24  |
| Conductor cross section                    | 4x 0.25 mm <sup>2</sup> (Signal line)   |
| Material wire insulation                   | PVC   |
| Thickness, insulation                      | ≥ 0.23 mm (Core insulation)   |
| Wire diameter incl. insulation             | 1.17 mm ±0.05 mm  |
| Single wire, color                         | brown, white, blue, black   |
| Overall twist                              | 4 wires, twisted  |
| Nominal voltage, cable                     | ≤ 300 V   |
| Test voltage, cable                        | ≥ 3000 V  |
| Cable resistance                           | max. 79 Ω/km (at 20 °C)   |
| Cable insulation resistance                | ≥ 100 MΩ*km (at 20 °C)  |
| Minimum bending radius, fixed installation | 5 x D   |
| Resistance to oil                          | EN 60811-2-1  |
| Flame resistance                           | As per UL-Style 2464  |
| Ambient temperature (operation)            | -10 °C ... 80 °C (Cable, flexible installation)<br>-25 °C ... 80 °C (cable, fixed installation) |

## PVC gray [500]

|                                 |  |
|---------------------------------|--|
| Dimensional drawing             |  |
| Shielded                        | no   |
| Cable weight                    | 33 kg/km   |
| Cable type                      | PVC gray   |
| Short symbol                    | LiYY   |
| Cable type (abbreviation)       | 500  |
| External cable diameter         | 4.4 mm ±0.15 mm  |
| Outer sheath, material          | PVC  |
| External sheath, color          | gray RAL 7001  |
| Conductor material              | Bare Cu litz wires   |
| Conductor structure signal line | 14x 0.15 mm  |
| AWG signal line                 | 24   |
| Conductor cross section         | 4x 0.25 mm <sup>2</sup> (Signal line)  |
| Material wire insulation        | PVC  |
| Thickness, insulation           | ≥ 0.23 mm (Core insulation)  |
| Wire diameter incl. insulation  | 1.17 mm ±0.05 mm   |
| Single wire, color              | brown, white, blue, black, green-yellow  |
| Overall twist                   | 4 wires, twisted   |
| Nominal voltage, cable          | ≤ 300 V  |



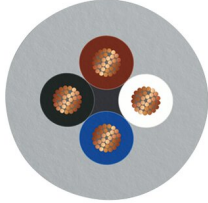
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|                                 |   |
|---------------------------------|---|
| Test voltage, cable             | ≥ 3000 V  |
| Cable resistance                | max. 79 Ω/km (at 20 °C)                         |
| Cable insulation resistance     | ≥ 100 MΩ*km (at 20 °C)                          |
| Flame resistance                | As per UL-Style 2464                            |
| Ambient temperature (operation) | -25 °C ... 80 °C (Cable, flexible installation) |
|                                 | -40 °C ... 80 °C (cable, fixed installation)    |

Gray, highly flexible PUR [800]

|   |  |
|---|--|
| Dimensional drawing                             |                |
| Note  | Due to the extremely robust outer sheath, this cable should only be stripped in 5 cm increments. |
| Shielded  | no   |
| UL AWM Style                                    | 20549  |
| Cable weight                                    | 27.1 kg/km   |
| Cable type                                      | Gray, highly flexible PUR  |
| Short symbol                                    | LiF9Y11Y   |
| Cable type (abbreviation)                       | 800  |
| External cable diameter                         | 4.5 mm ±0.2 mm   |
| Outer sheath, material                          | PUR  |
| External sheath, color                          | gray RAL 7001  |
| Conductor material                              | Bare Cu litz wires   |
| Conductor structure signal line                 | 32x 0.10 mm  |
| AWG signal line                                 | 24   |
| Conductor cross section                         | 4x 0.25 mm <sup>2</sup> (Signal line)  |
| Material wire insulation                        | PP   |
| Wire diameter incl. insulation                  | 1.15 mm ±0.05 mm (Signal line)   |
| Single wire, color                              | brown, white, blue, black  |
| Overall twist                                   | 4 wires, twisted   |
| Nominal voltage, cable                          | 300 V  |
| Test voltage, cable                             | 1200 V   |
| Cable resistance                                | approx. 76 Ω/km  |
| Cable insulation resistance                     | ≥ 20 MΩ*km   |
| Minimum bending radius, fixed installation      | 4 x D  |
| Minimum bending radius, flexible installation   | 7.5 x D  |
| Number of bending cycles                        | 10000000   |
| Minimum bending radius, drag chain applications | 7,5 x D  |
| Traversing path                                 | 5 m  |

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|                                 |   |
|---------------------------------|---|
| Traversing rate                 | 3.3 m/s   |
| Acceleration                    | 5 m/s <sup>2</sup>  |
| Number of bending cycles        | 15000000  |
| Traversing path                 | 0.9 m   |
| Traversing rate                 | 5 m/s   |
| Acceleration                    | 30 m/s <sup>2</sup>   |
| Torsion force                   | ± 360 °/m   |
| Torsion cycles                  | 1000000   |
| Halogen-free                    | in accordance with DIN VDE 0472 part 815  |
| Resistance to oil               | in accordance with DIN EN 60811-2-1   |
| Flame resistance                | in accordance with UL 758/1581 FT2  |
| Other resistance                | Highly resistant to acids, alkaline solutions and solvents<br>Silicone-free   |
| Special properties              | Cable jacket is welding spark-resistant, recyclable, matt, low-adhesion, abrasion-resistant, flame-retardant, and self-extinguishing<br>Free from silicone and cadmium<br>Free of substances which would hinder coating with paint or varnish |
| Ambient temperature (operation) | -25 °C ... 80 °C (Cable, flexible installation)<br>-40 °C ... 80 °C (cable, fixed installation)   |

## Environmental and real-life conditions

### Ambient conditions

|                                 |                                  |
|---------------------------------|----------------------------------|
| Degree of protection            | IP65<br>IP67<br>IP68             |
| Ambient temperature (operation) | -25 °C ... 90 °C (Plug / socket) |

## Standards and regulations

|                          |                 |
|--------------------------|-----------------|
| Standards/specifications | IEC 61076-2-104 |
|--------------------------|-----------------|

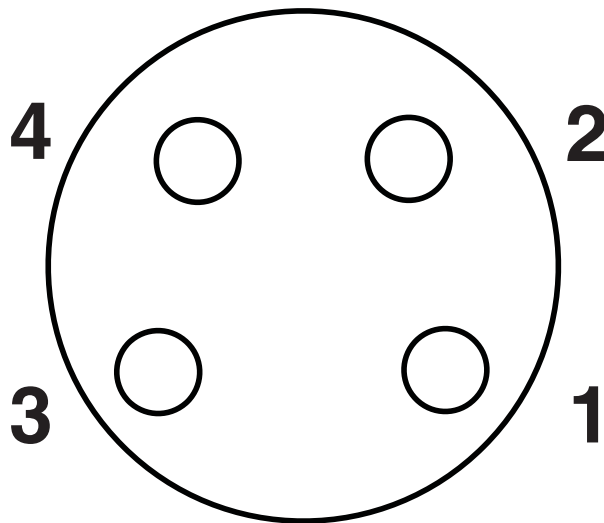
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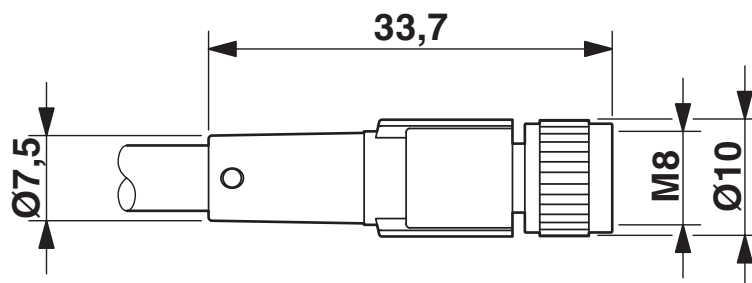
## Drawings

Schematic diagram



Pin assignment M8 socket, 4-pos., view female side

Dimensional drawing



Socket M8 x 1, straight

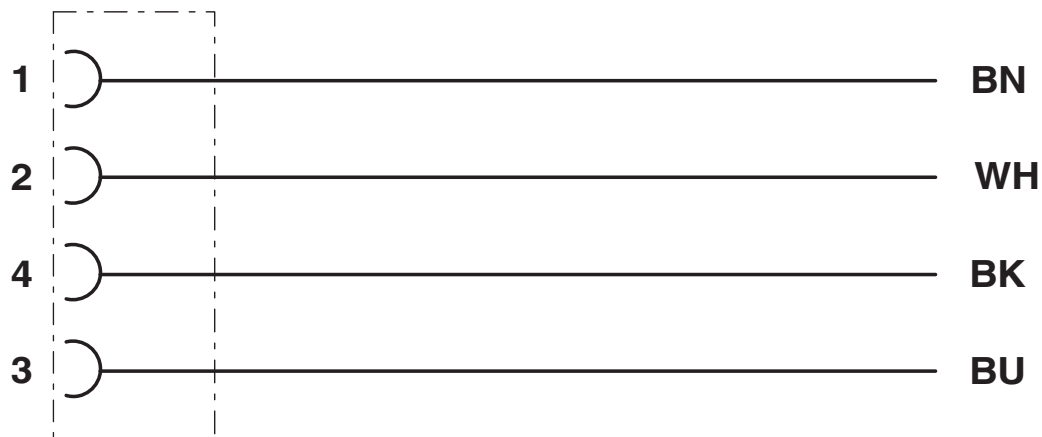
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Circuit diagram



# SAC-4P-M 8FS/.../... - Sensor/actuator cable





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## Approvals

|  <b>UL Listed</b><br>Approval ID: FILE E 221474 |                       |                       |                   |                             |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
|  | Nominal Voltage $U_N$ | Nominal Current $I_N$ | Cross Section AWG | Cross Section $\text{mm}^2$ |
|  | 30 V                  | 4 A                   | -                 | -                           |

|  <b>cUL Listed</b><br>Approval ID: FILE E 221474 |                       |                       |                   |                             |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
|   | Nominal Voltage $U_N$ | Nominal Current $I_N$ | Cross Section AWG | Cross Section $\text{mm}^2$ |
|   | 30 V                  | 4 A                   | -                 | -                           |

|  <b>EAC</b><br>Approval ID: RU D-DE.HB35.B.00387 |  |
|---|--|
|---|--|

# SAC-4P-M 8FS/.../... - Sensor/actuator cable



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27060311 |
| ECLASS-12.0 | 27060311 |
| ECLASS-13.0 | 27060311 |

### ETIM

|          |          |
|----------|----------|
| ETIM 8.0 | EC001855 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 26121600 |
|-------------|----------|

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## Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

# SAC-4P-M 8FS/.../... - Sensor/actuator cable



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## Accessories

### PABA WH/23 - Insert label

1013779

<https://www.phoenixcontact.com/in/products/1013779>



Insert label, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, mounting type: slide-on, cable diameter range: 1.5 ... 35 mm, lettering field size: 23 x 4 mm, Number of individual labels: 20

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### PABA YE/23 - Insert label

1013782

<https://www.phoenixcontact.com/in/products/1013782>



Insert label, Strip, yellow, unlabeled, can be labeled with: CMS-P1-PLOTTER, mounting type: slide-on, cable diameter range: 1.5 ... 35 mm, lettering field size: 23 x 4 mm, Number of individual labels: 20



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## B-STIFT - Marker pen

1051993

<https://www.phoenixcontact.com/in/products/1051993>



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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## CUTFOX-S VDE - Diagonal cutter

1212207

<https://www.phoenixcontact.com/in/products/1212207>



Diagonal cutter for hard (piano wire) and soft wires, VDE 1000 V AC/1500 V DC tested

# SAC-4P-M 8FS/.../... - Sensor/actuator cable

1697771

<https://www.phoenixcontact.com/in/products/1697771>

## WIREFOX SAC-1 - Stripping tool

1212757

<https://www.phoenixcontact.com/in/products/1212757>



Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 3.2 to 4.4 mm, any stripping length

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## WIREFOX SAC - Stripping tool

1212623

<https://www.phoenixcontact.com/in/products/1212623>



Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length

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## WIREFOX 10 - Stripping tool

1212150

<https://www.phoenixcontact.com/in/products/1212150>



Stripping tool, for cables and conductors from 0.02 - 10 mm<sup>2</sup>, self-adjusting, stripping length of up to 18 mm, cutting capacity of up to 10 mm<sup>2</sup> stranded/1.5 mm<sup>2</sup> solid, replaceable stripping blade

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## WP-CTA POM 13,0 BK - Protective hose adapter

1422884

<https://www.phoenixcontact.com/in/products/1422884>



Protective hose adapter, for corrugated hoses with a nominal size of 13 (10 x 13), corrugated in parallel

# SAC-4P-M 8FS/.../... - Sensor/actuator cable

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## WP-PA HF 13,0 BK - Protective hose

3240681

<https://www.phoenixcontact.com/in/products/3240681>



Protective hose, material: PA 6, UV-resistant: yes, flexible, degree of protection: IP68, color: black, flammability rating in acc. with UL 94: V0, inner diameter: 10 mm, Total length: 50 m

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## WP-PA HF-HB 13,0 BK - Protective hose

3240839

<https://www.phoenixcontact.com/in/products/3240839>



Protective hose, material: PA 6, UV-resistant: yes, flexible, degree of protection: IP68, color: black, flammability rating in acc. with UL 94: HB, inner diameter: 10 mm, Total length: 50 m

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## PROT-M 8 MS-PA-CHAIN - Screw plug

1430860

<https://www.phoenixcontact.com/in/products/1430860>

M8 sealing cap made of plastic with fixing band for sensor cables, for M8 sockets



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## TSD 02 SAC - Torque screwdriver

1208487

<https://www.phoenixcontact.com/in/products/1208487>

Torque screwdriver, with preset torque of 0.2 Nm and 4 mm hexagonal drive for M8 connectors



# SAC-4P-M 8FS/.../... - Sensor/actuator cable

1697771

<https://www.phoenixcontact.com/in/products/1697771>



## SAC BIT M8-D10 - Tool

1208461

<https://www.phoenixcontact.com/in/products/1208461>



Nut for assembling M8 connectors with longitudinal knurl and a knurl diameter of 10 mm, for 4 mm hexagonal drive

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