

SACC-DSI-M12FS-8CON-M16/1,5SCO - Device connector rear mounting



1416340

<https://www.phoenixcontact.com/us/products/1416340>

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Device connector rear mounting, 8-position, Socket, M12-SPEEDCON, A-coding, on free cable end, Individual wires, cable length: 1.5 m, 0.25 mm², potted, this item is expected to be lead-free from Q2 2026 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1416340 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB24 |
| Product key | ABQCHB |
| GTIN | 4055626071916 |
| Weight per piece (including packing) | 55.4 g |
| Weight per piece (excluding packing) | 52.492 g |
| Customs tariff number | 85444290 |
| Country of origin | DE |

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Technical data

Notes

| | |
|--------------------|---|
| Order information: | Lock nut is included in the scope of delivery |
|--------------------|---|

Mounting

| | |
|---------------|---------------------------|
| Mounting type | Rear mounting (M16 x 1,5) |
|---------------|---------------------------|

Product properties

| | |
|----------------------|-----------------------------------|
| Product type | Circular connectors (device side) |
| Application | Signal |
| Number of positions | 8 |
| No. of cable outlets | 1 |
| Coding | A |
| Thread type | M12 |

Material specifications

| | |
|---------------------------|--------------|
| Material Molding compound | PUR (potted) |
|---------------------------|--------------|

Connection data

Conductor connection

| | |
|-------------------------|----------------------|
| Connection method | Individual wires |
| Contact connection type | Socket |
| Conductor cross-section | 0.25 mm ² |

Connector

Connection 1

| | |
|-------------------|----------|
| Head design | Socket |
| Head thread type | M12 |
| Head locking type | SPEEDCON |
| Coding | A |

Connection 2

| | |
|-------------|----------------|
| Head design | free cable end |
|-------------|----------------|

Cable/line

| | |
|---------------------|----------------------|
| Cable length | 1.5 m |
| Cable cross section | 0.25 mm ² |
| AWG signal line | 24 |

Environmental and real-life conditions

Ambient conditions

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UL Type Rating

Type 4 (indoor use only)

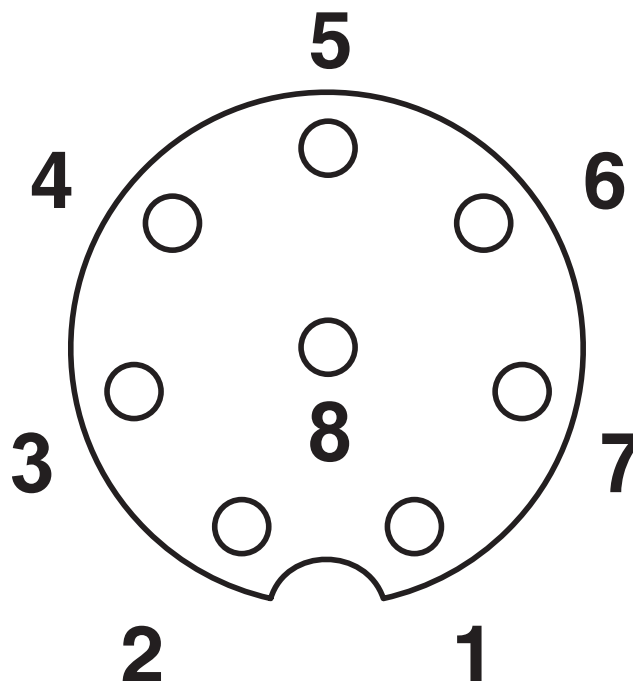
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Drawings

Schematic diagram



Pin assignment M12 socket, 8-pos., A-coded, view female side

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1416340>

|  UL Recognized Approval ID: E118976-20100522 | | | | |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 30 V | 2 A | 24 | - |

|  cULus Recognized Approval ID: E221474-20140616 | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 30 V | 2 A | 24 - 22 | - |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440103 |
| ECLASS-15.0 | 27440103 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC003570 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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Environmental product compliance

EU RoHS

| | |
|---|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|--------------------------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
| SCIP | 73f13128-0e6a-4b07-8b77-96fab4a0aa36 |

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