

## Contact insert module - HC-M-02-PN-M-F - 1417434

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Contact insert module, number of positions: 2, Socket, Pin, application: Pneumatics, for internal hose diameter of 6 mm



### Key Commercial Data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 5 pc                                                                                                    |
| Minimum order quantity | 5 pc                                                                                                    |
| GTIN                   | <br>4 055626 112954 |
| GTIN                   | 4055626112954                                                                                           |

### Technical data

#### Dimensions

|        |         |
|--------|---------|
| Height | 27.2 mm |
| Width  | 34.2 mm |
| Length | 14.6 mm |

#### Electrical characteristics

|                    |   |
|--------------------|---|
| Connection profile | 2 |
|--------------------|---|

#### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature (operation) | -40 °C ... 80 °C |
|---------------------------------|------------------|

#### Mechanical characteristics

|                                               |       |
|-----------------------------------------------|-------|
| Contact diameter                              | 8 mm  |
| Internal diameter of pressure hose connection | 6 mm  |
| Insertion/withdrawal cycles                   | ≥ 500 |

#### General

|      |                                                                                                                                                                                                              |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note | For HEAVYCON ADVANCE housing type B6 to B24 and HEAVYCON housing type B6 to B48. HEAVYCON HC-M-B...-MF... module carrier frame required, HC-M-PN... pneumatic pins and sockets are not supplied as standard. |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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## Technical data

### General

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                        | Connectors may be operated only when there is no load/voltage.                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                        | The use of guide pins (HC-CST) and sockets (HC-CBU) is recommended to prevent tip collision due to misalignment.                                                                                                                                                                                                                                                                                                                                                      |
| Series                                 | HC-M-02-PN                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Integrated valve                       | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Color                                  | light gray                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Number of module slots                 | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Flammability rating according to UL 94 | V0                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Assembly instructions                  | To ensure correct use, installation in housing with IP54 protection or better is required                                                                                                                                                                                                                                                                                                                                                                             |
|                                        | Use of HC-CST-MOD (1636127) coding pins and HC-CBU-MOD (1636130) coding sockets has been prescribed.                                                                                                                                                                                                                                                                                                                                                                  |
| Connection                             | <ul style="list-style-type: none"> <li>- Snap the pneumatic contact and module together. Insert the contact into the module from the front</li> <li>- Place the modules assembled with the contacts in the module carrier frame.</li> <li>- The pneumatic tubes are pushed onto the pneumatic contact from the back of the module.</li> </ul> <p>The medium-sized module slots and sleeves/coupling housing with straight cable outlet direction are recommended.</p> |

### Material data

|                          |    |
|--------------------------|----|
| Contact carrier material | PC |
|--------------------------|----|

### Standards and Regulations

|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

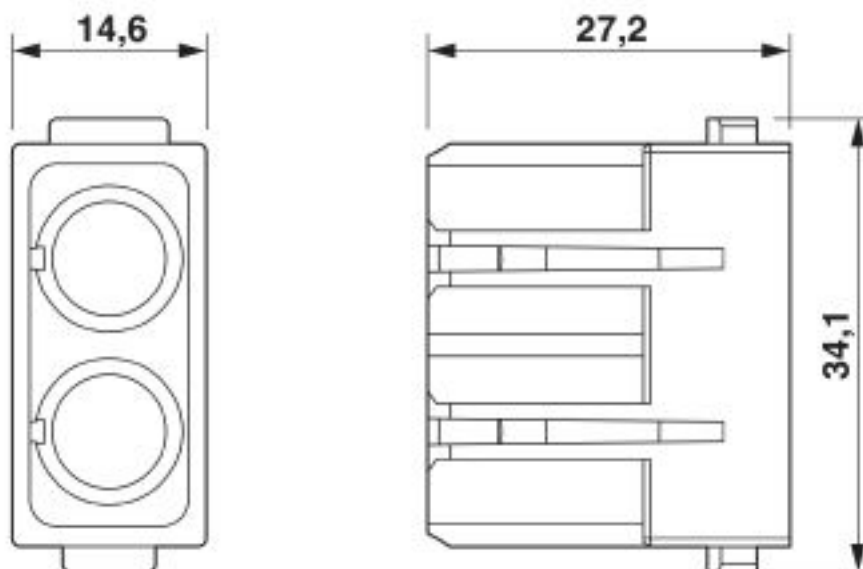
### Environmental Product Compliance

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

## Drawings

## Contact insert module - HC-M-02-PN-M-F - 1417434

Dimensional drawing



### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440220 |
| eCl@ss 5.1    | 27261200 |
| eCl@ss 6.0    | 27261200 |
| eCl@ss 7.0    | 27440205 |
| eCl@ss 8.0    | 27440205 |
| eCl@ss 9.0    | 27440220 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC000438 |
| ETIM 6.0 | EC000438 |
| ETIM 7.0 | EC000438 |

#### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 13.2 | 39121421 |
| UNSPSC 18.0 | 39121421 |
| UNSPSC 19.0 | 39121421 |
| UNSPSC 20.0 | 39121421 |
| UNSPSC 21.0 | 39121421 |

### Approvals

#### Approvals

## Contact insert module - HC-M-02-PN-M-F - 1417434

### Approvals

#### Approvals

CSA / UL Recognized / EAC / EAC

#### Ex Approvals

#### Approval details

|               |                                                                                     |                                                                                                                                                       |                          |
|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| CSA           |    | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>               | 13631                    |
| UL Recognized |    | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E118976                  |
| EAC           |  |                                                                                                                                                       | RU C-<br>DE.AI30.B.01102 |
| EAC           |  |                                                                                                                                                       | RU C-<br>DE.BL08.B.00511 |

### Accessories

#### Accessories

#### Coding element

Coding element - HC-CBU-MOD - 1636130



Coding socket for coding up to 16 connectors, for HC Modular

Coding element - HC-CST-MOD - 1636127



Coding peg for coding up to 16 connectors, for HC Modular

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### Accessories

#### Module carrier frame

##### Module carrier frame - HC-M-B06-MFH-B - 1182085



Module carrier frame, size: B6, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

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##### Module carrier frame - HC-M-B10-MFH-B - 1182088



Module carrier frame, size: B10, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

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##### Module carrier frame - HC-M-B16-MFH-B - 1182090



Module carrier frame, size: B16, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

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##### Module carrier frame - HC-M-B24-MFH-B - 1182094



Module carrier frame, size: B24, type : for the panel mounting side (a, b, c, ...), 4 mm² ... 6 mm², application: Module carrier frame

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##### Module carrier frame - HC-M-B06-MFH-H - 1182087



Module carrier frame, size: B6, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

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### Accessories

Module carrier frame - HC-M-B10-MFH-H - 1182089



Module carrier frame, size: B10, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

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Module carrier frame - HC-M-B16-MFH-H - 1182093



Module carrier frame, size: B16, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

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Module carrier frame - HC-M-B24-MFH-H - 1182095



Module carrier frame, size: B24, type : for the sleeve side (A, B, C, ...), 4 mm² ... 6 mm², application: Module carrier frame

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### Pneumatic contact

Pneumatic contact - HC-M-PN2-6,00-ST - 1676750



Pneumatic pin, for HC-M-PN2 module, internal hose diameter of 6.0 mm

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Pneumatic contact - HC-M-PN2-6,00-BU - 1676763



Pneumatic socket, for HC-M-PN2 module, internal hose diameter of 6.0 mm

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### Accessories

Pneumatic contact - HC-M-PN2-6,00-BU-V - 1676776



Pneumatic socket with valve, for HC-M-PN2 module, internal hose diameter of 6.0 mm

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