

**HDC-CM-2SPN4.0****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Flexible and all-purpose – the proper solution for many applications**

ConCept is a modular system consisting of modules and frames. Together, they form a complete insert that can easily be integrated into an HDC housing.

The patented modular system allows you to put together individual connector variants.

A variety of modules for power, signal and data transmission are supplemented further by modules intended for pneumatics, and SC/LC cables.

The sturdy, one-piece module-frame design (optionally available in polycarbonate or die-cast zinc) and the integrated module-release aid both improve handling of the product.

**General ordering data**

|            |                                                   |
|------------|---------------------------------------------------|
| Version    | Heavy-duty connectors, HDC insert, ConCept module |
| Order No.  | <a href="#">1894710000</a>                        |
| Type       | HDC-CM-2SPN4.0                                    |
| GTIN (EAN) | 4032248509188                                     |
| Qty.       | 1 pc(s).                                          |

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**Technical data****Dimensions and weights**

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Height     | 25.4 mm | Height (inches) | 1 inch     |
| Width      | 11.4 mm | Width (inches)  | 0.449 inch |
| Length     | 34 mm   | Length (inches) | 1.339 inch |
| Net weight | 15 g    |                 |            |

**Temperatures**

|                   |                  |
|-------------------|------------------|
| Limit temperature | -40 °C ... 80 °C |
|-------------------|------------------|

**ConCept Pneumatic module**

|                      |        |                                     |                     |
|----------------------|--------|-------------------------------------|---------------------|
| Colour               | black  | Connection cross-section (internal) | 4 mm                |
| Contact travel       | 4 mm   | Hose type                           | Only use PTFE hoses |
| Module body material | PA 6.6 | Number of valves                    | 2                   |
| Sealing material     | NBR    | Shutoff                             | No                  |
| Test pressure        | 10 bar | UL 94 flammability rating           | V-0                 |

**Dimensions**

|                |         |                   |       |
|----------------|---------|-------------------|-------|
| Height of plug | 25.4 mm | Total length base | 34 mm |
| Width          | 11.4 mm |                   |       |

**General data**

|                     |                                                             |                               |       |
|---------------------|-------------------------------------------------------------|-------------------------------|-------|
| Colour              | black                                                       | Free from halogens            | false |
| Insulating material | PC glass-fibre reinforced (UL-listed and railway-certified) | Low smoke acc. DIN EN 45545-2 | Yes   |
| Material            | Polyamide, glass fibre-reinforced                           | Number of poles               | 2     |
| Series              | ConCept module                                              | Type                          | Pin   |
| Type of connection  | Hose connection (pneumatic)                                 | UL 94 flammability rating     | V-0   |

**Version**

|          |                                   |                    |                             |
|----------|-----------------------------------|--------------------|-----------------------------|
| Material | Polyamide, glass fibre-reinforced | Type of connection | Hose connection (pneumatic) |
|----------|-----------------------------------|--------------------|-----------------------------|

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002943    | ETIM 7.0    | EC002943    |
| ETIM 8.0    | EC002943    | ETIM 9.0    | EC002943    |
| ETIM 10.0   | EC002943    | ECLASS 9.0  | 27-44-02-92 |
| ECLASS 9.1  | 27-44-01-92 | ECLASS 10.0 | 27-44-02-92 |
| ECLASS 11.0 | 27-44-02-92 | ECLASS 12.0 | 27-44-02-92 |
| ECLASS 13.0 | 27-44-02-92 | ECLASS 14.0 | 27-44-02-92 |
| ECLASS 15.0 | 27-44-02-92 |             |             |

**Environmental Product Compliance**

|                        |                                      |
|------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant                            |
| REACH SVHC             | Lead 7439-92-1                       |
| SCIP                   | 89f35219-185b-451d-94d0-702fad8bee24 |

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## Technical data

### Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

### Downloads

|                  |                                          |
|------------------|------------------------------------------|
| Engineering Data | <a href="#">CAD data – STEP</a>          |
| Catalogues       | <a href="#">Catalogues in PDF-format</a> |
| Brochures        | <a href="#">FL FIELDWIRING EN</a>        |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Modul removal tool**

Weidmüller offers a variety of crimping tools, no-contact tools, and fibre optic tools.

**General ordering data**

|            |                            |                                          |
|------------|----------------------------|------------------------------------------|
| Type       | HDC-DW-M0D                 | Version                                  |
| Order No.  | <a href="#">1688200000</a> | Tool miscellaneous, Contact Removal Tool |
| GTIN (EAN) | 4008190857189              |                                          |
| Qty.       | 1 pc(s).                   |                                          |