

**HDC-CM-1BPN2.5****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="#">1894780000</a>                        |
| Type       | HDC-CM-1BPN2.5                                    |
| GTIN (EAN) | 4032248509256                                     |
| Qty.       | 1 pc(s).                                          |

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

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Height         | 40.4 mm    | Height (inches) | 1.591 inch |
| Length         | 34 mm      | Length (inches) | 1.339 inch |
| Net weight     | 18 g       | Width           | 11.4 mm    |
| Width (inches) | 0.449 inch |                 |            |

**Temperatures**

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

**Environmental Product Compliance**

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

**ConCept Pneumatic module**

|                      |        |                                     |                     |
|----------------------|--------|-------------------------------------|---------------------|
| Colour               | black  | Connection cross-section (internal) | 2.5 mm              |
| Contact travel       | 4 mm   | Hose type                           | Only use PTFE hoses |
| Module body material | PA 6.6 | Number of valves                    | 1                   |
| Sealing material     | NBR    | Shutoff                             | Yes                 |
| Test pressure        | 10 bar | UL 94 flammability rating           | V-0                 |

**Dimensions**

|                  |         |                   |       |
|------------------|---------|-------------------|-------|
| Height of socket | 40.4 mm | Total length base | 34 mm |
| Width            | 11.4 mm |                   |       |

**General data**

|                     |                                                             |                           |                                   |
|---------------------|-------------------------------------------------------------|---------------------------|-----------------------------------|
| Insulating material | PC glass-fibre reinforced (UL-listed and railway-certified) | Material                  | Polyamide, glass fibre-reinforced |
| Number of poles     | 1                                                           | Series                    | ConCept module                    |
| Type                | Female                                                      | 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    |
| 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 |

**Approvals**

Approvals



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

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## Technical data

### Downloads

Engineering Data

[STEP](#)

Engineering Data

[WSCAD](#)