

**HDC-CM-1SPN2.5****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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="#">1894730000</a>                        |
| Type       | HDC-CM-1SPN2.5                                    |
| GTIN (EAN) | 4032248509201                                     |
| Qty.       | 1 items   |

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**Technical data**

**Approvals**

Approvals



ROHS Conform

**Dimensions and weights**

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Height     | 25.4 mm | Height (inches) | 1 inch      |
| Width      | 11.4 mm | Width (inches)  | 0.4488 inch |
| Length     | 34 mm   | Length (inches) | 1.3386 inch |
| Net weight | 10 g    |                 |             |

**Temperatures**

Limit temperature -40 °C ... 80 °C

**Environmental Product Compliance**

|                        |                                       |
|------------------------|---------------------------------------|
| RoHS Compliance Status | Compliant                             |
| REACH SVHC             | Lead 7439-92-1                        |
| SCIP                   | 89f35219-185b-45 1d-94d0-702fad8bee24 |

**ConCept Pneumatic module**

|                                     |        |                      |                     |
|-------------------------------------|--------|----------------------|---------------------|
| UL 94 flammability rating           | V-0    | Colour               | black               |
| Number of valves                    | 1      | Module body material | PA 6.6              |
| Shutoff                             | No     | Test pressure        | 10 bar              |
| Contact travel                      | 4 mm   | Hose type            | Only use PTFE hoses |
| Connection cross-section (internal) | 2.5 mm | Sealing material     | NBR                 |

**Dimensions**

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

**General data**

|                           |   |                               |                             |
|---------------------------|---|-------------------------------|-----------------------------|
| Number of poles           | 1   | Type of connection            | Hose connection (pneumatic) |
| UL 94 flammability rating | V-0   | Colour                        | black                       |
| Insulating material       | PC glass-fibre reinforced (UL-listed and railway-certified) | Type                          | Pin                         |
| Basic material            | Polyamide, glass fibre-reinforced                           | Series                        | ConCept module              |
| Free from halogens        | false   | Low smoke acc. DIN EN 45545-2 | Yes                         |

**Version**

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

**Technical data**

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC002943    | ETIM 9.0    | EC002943    |
| ETIM 10.0   | EC002943    | ECLASS 14.0 | 27-44-02-92 |
| ECLASS 15.0 | 27-44-02-92 |             |             |

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## Accessories

### Modul removal tool



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

### General ordering data

|            |                           |  |  |
|------------|---------------------------|--|--|
| Type       | HDC-DW-MOD                | Version                                  |  |
| Order No.  | <a href="#">168820000</a> | Tool miscellaneous, Contact Removal Tool |  |
| GTIN (EAN) | 4008190857189             |  |  |
| Qty.       | 1 ST                      |  |  |