

**IE-FCI-D9-FM****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

FrontCom® Vario integrates multiple functions in only one single frame. The system is easy to install and you can select from a wide range of data, signal and power modules. In addition to being extremely compact, FrontCom® Vario offers a number of unique product features that will make your project planning and work activities secure, fast and future-proof. Furthermore, the FrontCom® Vario system has an attractive housing design that, by the way, offers highest impact-resistance and fully meets the requirements of IP 65 protection class.

**General ordering data**

|            |                                                               |
|------------|---------------------------------------------------------------|
| Version    | FrontCom, Signal insert D-Sub, 9-pole, Plug, Socket connector |
| Order No.  | <a href="#">1450850000</a>                                    |
| Type       | IE-FCI-D9-FM                                                  |
| GTIN (EAN) | 4050118255713                                                 |
| Qty.       | 1 pc(s).                                                      |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Height     | 17.9 mm | Height (inches) | 0.705 inch |
| Width      | 12.5 mm | Width (inches)  | 0.492 inch |
| Length     | 30.8 mm | Length (inches) | 1.213 inch |
| Net weight | 11 g    |                 |            |

## Temperatures

|                       |                 |
|-----------------------|-----------------|
| Operating temperature | -55 °C...105 °C |
|-----------------------|-----------------|

## Technical data

|                           |                     |                                        |                                         |
|---------------------------|---------------------|----------------------------------------|-----------------------------------------|
| Contact resistance        | ≤ 20 mΩ             | Contact surface                        | Gold-plated                             |
| Current-carrying capacity | 3 A                 | Dielectric strength, contact / contact | 1 kV <sub>eff</sub> / 1 min.            |
| Housing main material     | SPCC                | Housing surface                        | tin-plated                              |
| Insulation strength       | 1000 MΩ at 500 V DC | Material insulator                     | PBT glass fibre reinforced<br>UL 94 V-0 |
| Number of poles           | 9                   |                                        |                                         |

## General data

|             |                             |                   |      |
|-------------|-----------------------------|-------------------|------|
| Insert type | Signal insert D-Sub, 9-pole | Protection degree | IP20 |
|-------------|-----------------------------|-------------------|------|

## Electrical properties

|                     |                     |                                        |                              |
|---------------------|---------------------|----------------------------------------|------------------------------|
| Contact resistance  | ≤ 20 mΩ             | Dielectric strength, contact / contact | 1 kV <sub>eff</sub> / 1 min. |
| Insulation strength | 1000 MΩ at 500 V DC |                                        |                              |

## General standards

|                       |            |                      |         |
|-----------------------|------------|----------------------|---------|
| Certificate No. (DNV) | TAA000022B | Certificate No. (UR) | E497345 |
|-----------------------|------------|----------------------|---------|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001121    | ETIM 7.0    | EC001121    |
| ETIM 8.0    | EC001121    | ETIM 9.0    | EC001121    |
| ETIM 10.0   | EC001121    | ECLASS 9.0  | 27-44-03-90 |
| ECLASS 9.1  | 27-18-90-90 | ECLASS 10.0 | 27-44-03-90 |
| ECLASS 11.0 | 27-44-03-90 | ECLASS 12.0 | 27-18-28-92 |
| ECLASS 13.0 | 27-18-28-92 | ECLASS 14.0 | 27-18-28-92 |
| ECLASS 15.0 | 27-18-28-92 |             |             |

## Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 6c                                   |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 14f36bdb-8bcd-4f24-8fb3-9538ad1abec6 |

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Approvals**

Approvals



|                 |                                                                                                                                                                                                                                                                                                                                                         |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319234/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319234/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/</a> |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

|                       |            |
|-----------------------|------------|
| UL File Number Search | UL Website |
|-----------------------|------------|

|                      |         |
|----------------------|---------|
| Certificate No. (UR) | E497345 |
|----------------------|---------|

**Downloads**

|                                             |                             |
|---------------------------------------------|-----------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">GL_FrontCom</a> |
|---------------------------------------------|-----------------------------|

|                  |                                 |
|------------------|---------------------------------|
| Engineering Data | <a href="#">CAD data – STEP</a> |
|------------------|---------------------------------|

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| User Documentation | <a href="#">MAN IE GUIDE DE</a><br><a href="#">MAN IE GUIDE EN</a> |
|--------------------|--------------------------------------------------------------------|

|            |                                          |
|------------|------------------------------------------|
| Catalogues | <a href="#">Catalogues in PDF-format</a> |
|------------|------------------------------------------|

|           |                                                                                                                                                            |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Brochures | <a href="#">MB FREECONTACT EN</a><br><a href="#">FL FIELDWIRING EN</a><br><a href="#">PI PROFINET CABLING EN</a><br><a href="#">PI PROFINET CABLING EN</a> |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|

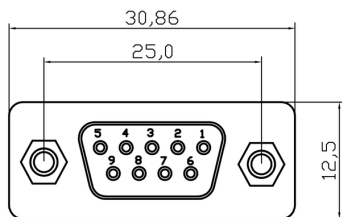
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## Drawings

### Dimensioned drawing



### Dimensioned drawing

