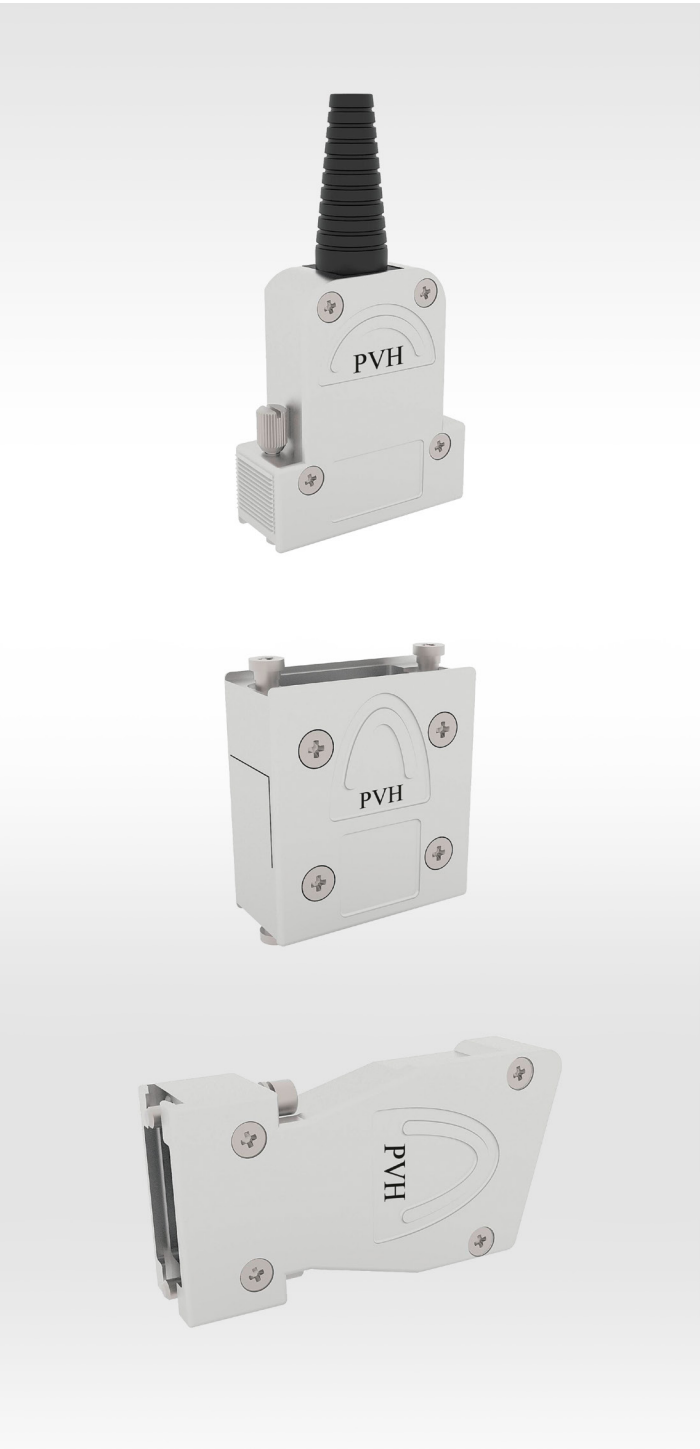


# Full-metal hoods

Rough applications with 360° shielding



Broad range of full-metal hoods  
Features  
-Special housing designs for 360° shielding  
-Fast and easy assembly due to minimized number of single parts  
-Solid die-cast housing for  
Various locking options  
- Screw locking with knurled screws in various lengths  
- Push-Pull locking with the innovative Quick Lock-system  
- Slide lock in universal design  
Cable connection versions for highest requirements  
All hood series  
- 360° EMI/RFI crimp flange-system vibration- and torsion-proof  
- External cable clamp for diameters 4-14 mm (50-pole: -16 mm)  
QuickLock- and 117/147 hood series:  
- Internal cable clamp as an compact solution  
The right hood for every application  
- Hoods with straight or angled cable outlet  
- Hoods with multiple cable outlets  
- Adapter hoods

| Technical data                    |                                           |
|-----------------------------------|-------------------------------------------|
| IP protection class               | IP 20                                     |
| Temperature range                 | - 45°C to + 90°C                          |
| Tightening torque                 |                                           |
| Cable clamp screw                 | max. 30 Ncm                               |
| Cover screw                       | max. 20 Ncm                               |
| Housing                           | Zn alloy                                  |
| Locking screws                    | St Ni-plated                              |
| Cable diameter in mm              |                                           |
| Series 07DC/17DC/47DC/77DC/101DC  | 9-37:4 - 14 / 50: 4 - 16                  |
| Series 104DC/117DC/147DC Internal | 9:4 - 10 / 15:4-12 / 25:4-14 / 37-50:4-15 |
| Series 104DC/117DC/147DC External | 9-37:4 - 14 / 50: 4 - 16                  |
| Series 109/110DC                  | max. 10                                   |

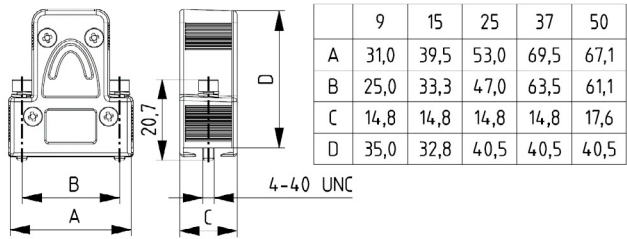


## Full-metal hood (series 17DC)

### Cable outlet 180° with screw locking

- New, grip-compatible design
- Assembly-friendly due to pre-cut thread
- Short delivery time thanks to warehousing
- Mechanically extremely durable
- Lateral knurled screws with UNC 4-40 thread, M3 optional
- Optimal RF-tight in connection with crimp flanges
- Vibration- and torsion-proof with crimp flange/crimp sleeve

### Dimensions



| Technical data (mutual data on pages 153 & 168) |                                  |
|-------------------------------------------------|----------------------------------|
| Cable diameter                                  | 9 -25:max Ø 14 / 37-50:max. Ø 16 |
| Temperature range                               | -55° C to +90° C                 |
| Case                                            | Zn-alloy                         |
| Knurled/cover screw                             | St nickel-plated / St galvanised |
| Order information                               |                                  |
| 1709DC25001                                     | 9-pole Set                       |
| 1715DC25001                                     | 15-pole Set                      |
| 1725DC25001                                     | 25-pole Set                      |
| 1737DC25001                                     | 37-pole Set                      |
| 1750DC25001                                     | 50-pole Set                      |

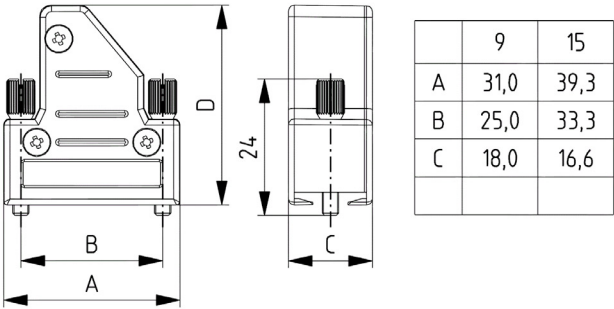


## Full-metal hood (series 47DC)

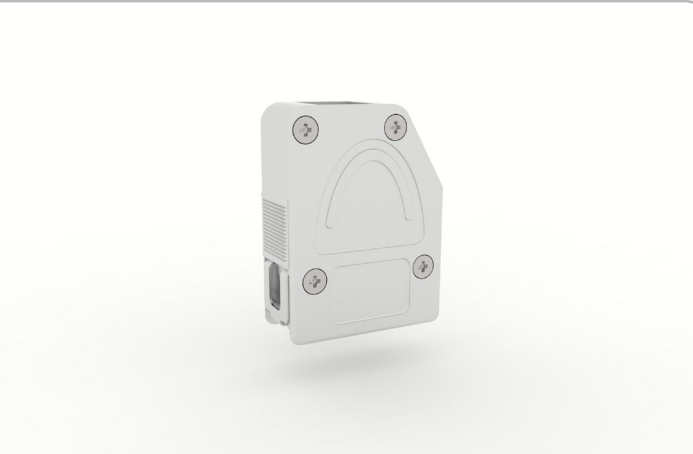
### Vibration- and torsion-proof with crimp flange/crimp sleeve

- 40° cable outlet
- New, grip-compatible design
- Assembly-friendly due to pre-cut thread
- Short delivery time thanks to warehousing
- Mechanically extremely durable
- Pre-assembled knurled screws UNC 4-40 (alternatively M3 available)
- Optimal RF-tight in combination with crimp flanges

### Dimensions



| Technical data (mutual data on pages 153 & 168) |                                             |
|-------------------------------------------------|---------------------------------------------|
| Cable diameter                                  | 9 -25:max Ø 14 / 37-50:max. Ø 16            |
| Temperature range                               | -55° C bis +90° C                           |
| Hood/knurled/cover screw                        | Zn-alloy / St nickel-plated / St galvanised |
| Order information                               |                                             |
| 4709DC25001                                     | 9-pole Set                                  |
| 4715DC25001                                     | 15-pole Set                                 |
| 4725DC25001                                     | 25-pole Set                                 |

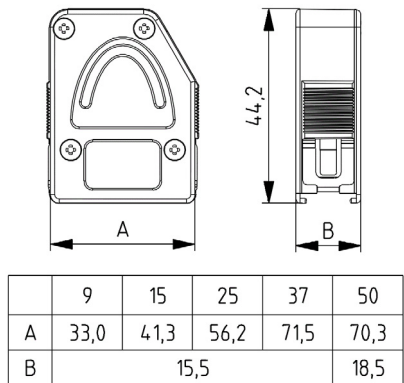


Quick Lock full-metal hood (series 104DC)

Push-Pull locking

- New, innovative locking system
- Fast one-hand operation, safe locking, highest holding force
- Faster assembly than screw and push locking
- Automotive approval
- 2-3 cable outlets
- External cable clamp for cables up to Ø 14 mm (50-pole: Ø 16 mm)
- Optimal RF tight with crimp flanges up to Ø 14 mm (50-pole: Ø 16 mm)
- Certified for shock/vibration acc. to EN 61373

Dimensions



Technical data (mutual data on pages 153 & 168)

|                   |                                           |
|-------------------|-------------------------------------------|
| Protection class  | IP 20                                     |
| Cable diameter    | 9 - 37pole:max Ø 14 / 50pole:max. Ø 16 mm |
| Temperature range | -55° C to +90° C                          |
| Housing /screws   | Zn-alloy / Steel galvanised               |

Order information

|            |             |
|------------|-------------|
| 10409DC001 | 9-pole Set  |
| 10415DC001 | 15-pole Set |
| 10425DC001 | 25-pole Set |
| 10437DC001 | 37-pole Set |
| 10450DC001 | 50-pole Set |

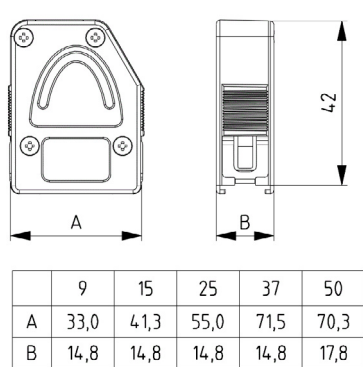


Quick Lock full-metal hood (series 104DC)

Push Pull locking and internal cable clamp

- New, innovative locking system
- Fast one-hand operation, safe locking, highest holding force
- Vibration-proof locking with certified test acc. to EN 61373
- Faster assembly than screw and push locking
- Automotive approval
- 2-3 cable outlets
- Internal cable clamp for compact economic solutions
- Set with 1 cable clamp (1DC) or with 2 cable clamps (2DC)

Dimensions

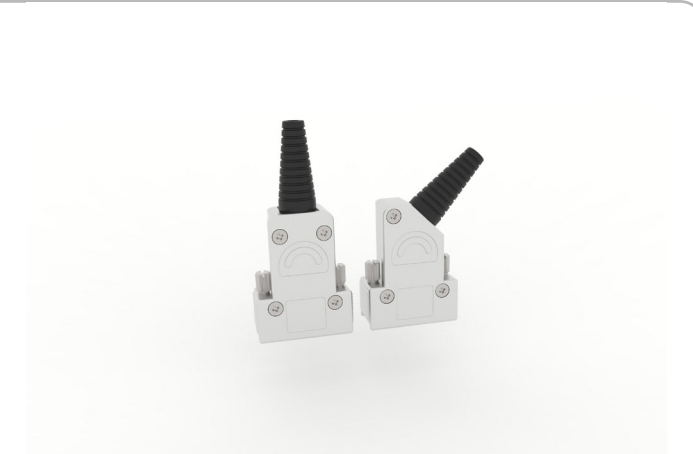


Technical data (mutual data on pages 153 & 168)

|                   |                                             |
|-------------------|---------------------------------------------|
| Protection class  | IP 20                                       |
| Cable diameter    | 9 - 37pole: Ø 4-11 mm / 50-polig: Ø 4-13 mm |
| Temperature range | -55° C to +90° C                            |
| Case/screws       | Zn-alloy / Steel galvanised                 |

Order information

|             |                                             |
|-------------|---------------------------------------------|
| 104091DC001 | 9-pole 1 cable clamp set/000: single parts  |
| 104151DC001 | 15-pole 1 cable clamp set/000: single parts |
| 104251DC001 | 25-pole 1 cable clamp set/000: single parts |
| 104371DC001 | 37-pole 1 cable clamp set/000: single parts |
| 104501DC001 | 50-pole 1 cable clamp set/000: single parts |

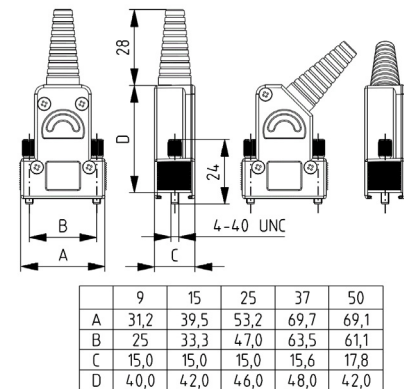


Full-metal hoods (series 117DC/147DC)

3 cable strain relief versions and screw lock

- Hood with special shielding design for high-quality EMC applications
- 2 cable outlets 180° and 135° from 15-pole version in one hood
- 9/15-pole Index 117: cable outlet 180° / Index 147: cable outlet 135°
- Always fitting with 3 options for cable strain relief and shield connection
- Compact economic solutions with internal cable clamp
- Large cable diameters and more mounting space with external cable clamp
- 360° shielding with crimp flange/crimp sleeve system
- Screw locking:knurl or vibration-proof Inbus with spring washer

Dimensions



Technical data (mutual data on pages 153 & 168)

|                         |                                     |
|-------------------------|-------------------------------------|
| Cable diameter internal | 9: 4-10 / 15-25: 4-12 / 37-50: 4-15 |
| Cable diameter external | 9 -25: 4 - 14 / 37-50: 4 - 16       |
| Temperature range:      | -55 °C to + 90 °C                   |
| Housing/screws          | Zn-alloy/Steel galvanised           |

Order information

|               |                                           |
|---------------|-------------------------------------------|
| 117092DC25001 | 9-pole 180° UNC Set / 135°:147092DC25001  |
| 117152DC25001 | 15-pole 180° UNC Set / 135°:147152DC25001 |
| 117252DC25001 | 25-pole 180° + 135° UNC set               |
| 117372DC25001 | 37-pole 180° + 135° UNC set               |
| 117502DC25001 | 50-pole 180° + 135° UNC set               |

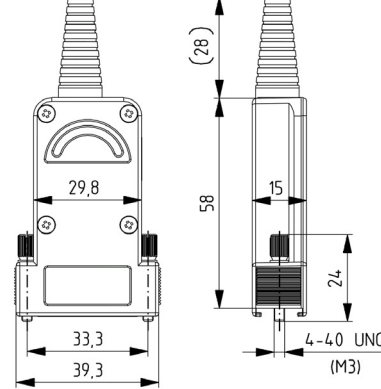


360° EMI/RFI full-metal hood (series 118DC)

Large mounting space and 3 cable strain relief options

- D-Sub hood with 180° and 90° cable outlet
- Large mounting space for special solutions with PCBs etc.
- 3 strain relief and shield connection versions
- Internal cable clamp for compact mounting depth
- External cable clamp for special cables up to Ø 14 mm
- Pre-assembled UNC 4-40 knurled screw (alternatively M3)
- Vibration-proof locking option with allen screw with spring washer

Dimensions



Technical data (mutual data on pages 153 & 168)

|                     |                                  |
|---------------------|----------------------------------|
| Cable diameter      | 4-12mm (External clamp: 14 mm)   |
| Temperature range   | -55° C to +90° C                 |
| Housing             | Zn-alloy                         |
| Knurled/cover screw | St nickel-plated / St galvanised |

Order information

|               |                 |
|---------------|-----------------|
| 118152DC25001 | 15-pole UNC Set |
| 118153DC25001 | 15-pole M3 Set  |

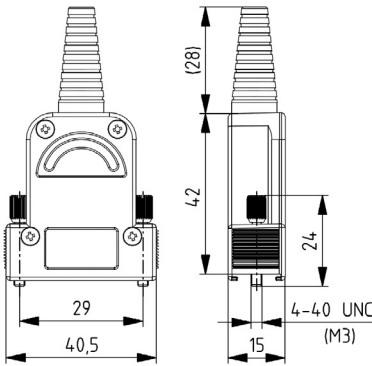


DVI full-metal hood (series 119DC)

Vibration- and torsion-proof cable connection

- Especially for high-quality fully shielded DVI connecting lines
- Flexibility at the cable connection with 3 strain relief options
- Internal cable clamp for compact mounting depth
- Crimp flange system for 360°-shielding
- Pre-assembled UNC 4-40 knurled screw (alternatively M3)
- External cable clamp for special cables up to Ø 14 mm
- Vibration-proof locking with optional Inbus screw with spring washer

Dimensions



| Technical data (mutual data on pages 153 & 168) |                                      |
|-------------------------------------------------|--------------------------------------|
| Cable diameter                                  | 4-12mm (External clamp: 14 mm)       |
| 4-12mm (External clamp: 14 mm)                  |                                      |
| Temperature range                               | -55° C to +90° C                     |
| Order information                               |                                      |
| 119152DC25001                                   | DVI JAE connector UNC Set            |
| 119153DC25001                                   | DVI JAE connector M3 Set             |
| 119152DC25000                                   | DVI JAE connector UNC single parts   |
| 119153DC25000                                   | DVI JAE connector M3 single parts    |
| 119158DC25001                                   | DVI Molex connector UNC Set          |
| 119159DC25001                                   | DVI Molex connector M3 Set           |
| 119158DC25000                                   | DVI Molex connector UNC single parts |
| 119159DC25000                                   | DVI Molex connector M3 single parts  |

| Technical data (mutual data on pages 153 & 168) |                                  |
|-------------------------------------------------|----------------------------------|
| Cable diameter                                  | 9 -25:max Ø 14                   |
| Temperature range                               | -55° C to +90° C                 |
| Case                                            | Zn-alloy                         |
| Knurled/cover screw                             | St nickel-plated / St galvanised |
| Order information                               |                                  |
| 10109DC001                                      | 9-pole Inbus screw UNC Set       |
| 10109M3DC001                                    | 9-pole Inbus screw M3 Set        |

| Technical data (mutual data on pages 153 & 168) |                             |
|-------------------------------------------------|-----------------------------|
| Kabeldurchmesser                                | max Ø 14                    |
| Temperaturbereich:                              | -55° C bis +90° C           |
| Gehäuse                                         | Zn-Legierung                |
| Rändel-/ Deckelschraube                         | St vernickelt / St verzinkt |
| Order information                               |                             |
| 10115DC001                                      | 15-pole allen screw UNC Set |
| 10115M3DC001                                    | 15-pole allen screw M3 Set  |

| Technical data (mutual data on pages 153 & 168) |                                       |
|-------------------------------------------------|---------------------------------------|
| Protection class                                | IP 20                                 |
| Cable diameter                                  | max. Ø 14 mm / 50-polig: max. Ø 16 mm |
| Temperature range                               | -55° C to +90° C                      |
| Housing                                         | Zn-alloy                              |
| Order information                               |                                       |
| 0709DC001                                       | 9-pole Set                            |
| 0715DC001                                       | 15-pole Set                           |
| 0725DC001                                       | 25-pole Set                           |
| 0737DC001                                       | 37-pole Set                           |
| 0750DC000                                       | 50-pole Set                           |

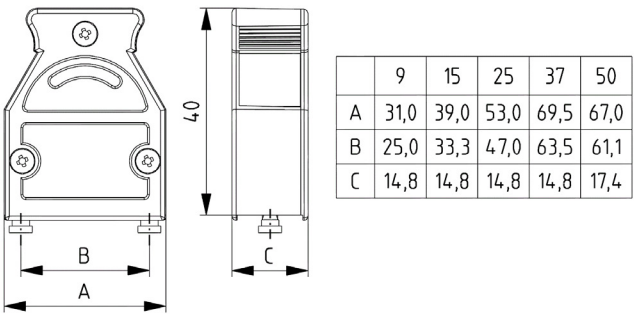


Full-metal hood (series 07DC)

For push and clip locking

- 2 cable outlets for 9-pole and 3 cable outlets from 15-pole
- New, grip-compatible design
- Assembly-friendly due to pre-cut thread
- Short delivery time thanks to warehousing
- Mechanically extremely durable
- Optimally HF-dense in connection with crimp flanges
- Multiple opening possible

Dimensions



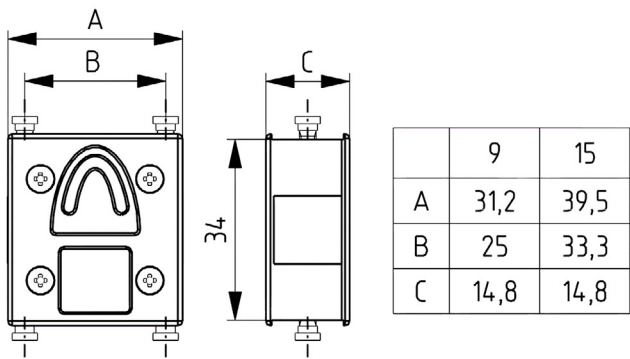


Full-metal adapter hood (series 77DC)

Wide range of applications

- 2 D-Sub outlets
- 2 cable outlets for external cable clamp/crimp flange
- Universally applicable as bus-hood or as Dongle
- Easy assembly
- For push and clip locking systems

Dimensions



Technical data *(mutual data on pages 153 & 168)*

|                   |                  |
|-------------------|------------------|
| Protection class  | IP 20            |
| Cable diameter    | 4 - 14 mm        |
| Temperature range | -55° C to +90° C |
| Housing           | Zn-alloy         |

Order information

|           |             |
|-----------|-------------|
| 7709DC001 | 9-pole Set  |
| 7715DC001 | 15-pole Set |