

**EPIC® H-A 3 TGVB M20 gr 3-13.5mm****Article No.:** 19429100

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**CE****Details****Benefits**

- The EPIC® H-A 3 series includes the smallest housings in heavy-duty industrial connectors and ensures secure connections in the smallest possible space.
- UL certification according to technical data enables the product to be used on the North American market.
- The cable coupler hood can be connected to many of the most popular hoods on the market.
- The “flying” connection between the cable coupler and the hood is not fixed, and acts as an extension of the cable.
- Self-extinguishing in accordance with UL94 V-0 (flammability test for plastics).
- With threaded borehole for use with a corresponding cable gland.
- Articles with a "V" in the article name already contain a SKINTOP® plastic cable gland for sealing and strain-relieving cable entry. In comparison to housings where the cable gland is added separately, the overall size of this housing is more space-saving.
- Locking takes place using a plastic lever on the counter-housing.
- Meets protection class IP 65 when locked.
- The arrow is a new design element on the housing surface and makes it easy to find and easy to connect in tight spaces and possibly poorly visible areas of application.

**Application**

- For protecting the connector insert against environmental influences.
- For use with many EPIC® rectangular connector inserts.
- For connecting devices and machines to the power supply.
- Material that is highly resistant to oil for harsh industrial environments.
- Suitable for outdoor use.

### Notes

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

### Remarks

#### Technical Data

##### General information

|               |                    |
|---------------|--------------------|
| Brand         | EPIC®              |
| Product type  | Cable coupler hood |
| Design size   | 3A                 |
| Delivery Unit | 10                 |

##### Electrical parameters

##### Product design

|                                    |                    |
|------------------------------------|--------------------|
| With cable gland                   | Yes                |
| Number of cable entries            | 1 pc.              |
| Number of cable entries at the top | 1                  |
| With levers                        | Yes                |
| Locking mechanism                  | Double lever       |
| Thread type                        | Metric             |
| Thread size                        | M 20               |
| Type of housing                    | Cable coupler hood |

|                                   |           |
|-----------------------------------|-----------|
| Connector housing design          | Straight  |
| With thread                       | Yes       |
| With hinged lid                   | No        |
| Connection design                 | Standard  |
| With neck                         | No        |
| Screen contact                    | No        |
| EMC shielding                     | No        |
| Min. cable clamping range         | 0.118 in  |
| Cable clamping range max.         | 0.531 in  |
| Material cable gland              | Polyamide |
| Cable gland material, short form  | PA        |
| Housing main material             | Polyamide |
| Housing base material, short form | PA        |
| Housing coating                   | Uncoated  |
| Lever material                    | Plastic   |
| Material locking bolts shortname  | PA        |
| Colour housing                    | gray      |

#### Product features

|                              |        |
|------------------------------|--------|
| IP protection rating mounted | IP 65  |
| Short term temperature peak  | 125 °C |
| Operating temperature max.   | -40 °C |
| Operation temperature max.   | 100 °C |
| UV-resistant                 | No     |
| Chemical resistant           | No     |
| Acid-resistant               | No     |
| corrosion resistant          | Yes    |
| Halogenfree                  | No     |
| Impact proof                 | Yes    |
| Vibration protection         | Yes    |

#### Certifications and standards

|            |     |
|------------|-----|
| CE marking | Yes |
|------------|-----|

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|                |    |
|----------------|----|
| UR recognized  | No |
| cUR recognized | No |
| CSA certified  | No |
| VDE certified  | No |
| TÜV certified  | No |

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**EPIC® H-A 3 TGB**

| Article No. | Name                             | With cable gland | Colour housing | Delivery Unit |
|-------------|----------------------------------|------------------|----------------|---------------|
| 19429000    | EPIC® H-A 3 TGB M20 gr           | No               | gray           | 10            |
| 19429100    | EPIC® H-A 3 TGVB M20 gr 3-13.5mm | Yes              | gray           | 10            |
| 19429200    | EPIC® H-A 3 TGB M20 bk           | No               | black          | 10            |
| 19620300    | EPIC® H-A 3 TGVB M20 bk 3-13.5mm | Yes              | black          | 10            |

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