

**DAE M12 SS****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Similar to illustration**

In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

**General ordering data**

|            |                                                                                                                         |
|------------|-------------------------------------------------------------------------------------------------------------------------|
| Version    | DAE (ventilation element), Compensating element, straight, M 12, 10 mm, IP66, IP68, IP69K, Stainless steel 1.4305 (303) |
| Order No.  | <a href="#">1868550000</a>                                                                                              |
| Type       | DAE M12 SS                                                                                                              |
| GTIN (EAN) | 4032248440405                                                                                                           |
| Qty.       | 10 pc(s).                                                                                                               |

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## Technical data

## Dimensions and weights

|                      |         |                      |            |
|----------------------|---------|----------------------|------------|
| Height               | 11 mm   | Height (inches)      | 0.433 inch |
| Length               | 21.1 mm | Length (inches)      | 0.831 inch |
| Wall thickness, min. | 0.5 mm  | Wall thickness, max. | 10 mm      |
| Net weight           | 15.2 g  |                      |            |

## Temperatures

|                       |                 |
|-----------------------|-----------------|
| Operating temperature | -40 °C...105 °C |
|-----------------------|-----------------|

## General information

|                                     |                              |                                     |                                                     |
|-------------------------------------|------------------------------|-------------------------------------|-----------------------------------------------------|
| AF size 1                           | 17 mm                        | Air flow                            | 0.4 l/min at 0.1 bar ΔP, up to 5.0 l/min at 1bar ΔP |
| Cable glands                        | metric                       | External thread                     | M 12                                                |
| Halogen                             | Yes                          | Inside diameter D2                  | 12 mm                                               |
| Installation guidelines             | See assembly instructions    | Length of thread                    | 10 mm                                               |
| Material                            | Stainless steel 1.4305 (303) | O-Ring                              | NBR                                                 |
| Operating temperature range, max.   | 105 °C                       | Operating temperature range, min.   | -40 °C                                              |
| Pitch of thread                     | 1.5 mm                       | Protection degree                   | IP66, IP68 (1 m / 60 min), IP69K                    |
| Protection degree with GWDR         | IP66, IP68, IP69K            | Silicone                            | No                                                  |
| Torque for connecting adapter, max. | 0.6 Nm                       | Torque for connecting adapter, min. | 0.4 Nm                                              |
| UL 94 flammability rating           | V-2                          | Wasser inlet point                  | > 1.5 bar                                           |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000814    | ETIM 7.0    | EC000814    |
| ETIM 8.0    | EC000814    | ETIM 9.0    | EC000814    |
| ETIM 10.0   | EC000814    | ECLASS 9.0  | 27-14-44-25 |
| ECLASS 9.1  | 27-14-44-90 | ECLASS 10.0 | 27-14-44-25 |
| ECLASS 11.0 | 27-14-44-25 | ECLASS 12.0 | 27-18-28-17 |
| ECLASS 13.0 | 27-18-28-17 | ECLASS 14.0 | 27-18-28-17 |
| ECLASS 15.0 | 27-18-28-17 |             |             |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Approvals

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

## Downloads

|                  |                                          |
|------------------|------------------------------------------|
| Engineering Data | <a href="#">CAD data – STEP</a>          |
| Catalogues       | <a href="#">Catalogues in PDF-format</a> |
| Brochures        |                                          |

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## Drawings

