

# Data sheet

## Industry IP67 V1 metal bulkhead

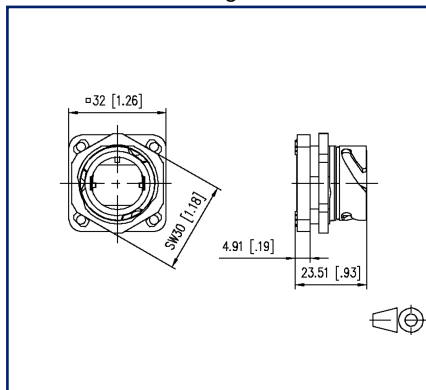
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1401013300ME  
EAN 4250184114239  
2026/08/25  
Version: W

### Illustrations



Dimensional drawing



See enlarged drawings at the end of document

### Product specification

- flange with bayonet lock acc. to ISO/IEC 24702 and IEC 61076-3-106 var. 1
- easy to mount due to round wall recesses made with inserts for commercially available punch pliers
- mounting type, central screwing
- alternative mounting with 4 screws (M3), not included in scope of delivery
- mounting on front and back side
- industry-compatible metal housing with improved durability
- flammability class as per UL 94V-0
- improved resistance to chemical substances
- grounding possible on RJ45 insert using 2.8 mm contact pins
- one version for all flanges
- matching inserts: E-DAT Industry RJ45 field jack insert (T568A, T568B or Profinet), E-DAT Industry RJ45 coupler insert, E-DAT Industry USB coupler insert, OpDAT Industry SC-RJ/2SC coupler insert or OpDAT Industry LC-D coupler insert



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### Technical Data

#### General Data

|                                               |                                 |
|-----------------------------------------------|---------------------------------|
| Fields of application                         | harsh environment               |
| Mechanical measurement according to MICE      | M1                              |
| Ingress measurement according to MICE         | I1                              |
| Climatic measurement according to MICE        | C1                              |
| Electromagnetic measurement according to MICE | E3                              |
| Design                                        | flange housings                 |
| Mounting style                                | front or back side              |
| Color                                         | metallike                       |
| Dimensions                                    |                                 |
| Dimension (L x W x H)                         | 23.51 mm x 32 mm x 32 mm        |
| Dimension (L x W x H)                         | 0.926 in. x 1.26 in. x 1.26 in. |

#### Connections/interfaces

|                                      |          |
|--------------------------------------|----------|
| Number of ports interface 2          | 1        |
| Number of ports interface 2 equipped | 0        |
| Protective housing interface 1       | V1       |
| Protective housing interface 2       | V1       |
| Module plug-in direction             | straight |

#### Mechanical data

|                                     |                            |
|-------------------------------------|----------------------------|
| Locking method (protective housing) | Bayonet                    |
| Mounting method                     | with screws or central nut |

#### Materials and material properties

|                                      |                                 |
|--------------------------------------|---------------------------------|
| Material - Protective housing        | ZP5                             |
| Material - Protective housing finish | Ni (nickel)                     |
| Material - Flat seal                 | EPDM (ethylene-propylene-diene) |
| Material - Thin nut                  | CuZnPb (brass)                  |
| RoHS                                 | compliant                       |



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#### Environmental conditions

|                                |                                                                                                                                                                                                         |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Temperature (min. - max.)      |                                                                                                                                                                                                         |
| Temperature - Storage °C       | -40 °C - 105 °C                                                                                                                                                                                         |
| Temperature - Storage °F       | -40 °F - 221 °F                                                                                                                                                                                         |
| Temperature - Operating °C     | -40 °C - 105 °C                                                                                                                                                                                         |
| Temperature - Operating °F     | -40 °F - 221 °F                                                                                                                                                                                         |
| Particulate ingress            | IP6X                                                                                                                                                                                                    |
| Liquid ingress/immersion       | IPX7                                                                                                                                                                                                    |
| Rapid change of temperature    | -40°C / -40°F - +70°C / 158°F / 25 cycles t=30 min                                                                                                                                                      |
| Damp heat                      | +25°C / +77°F / +65°C / +149°F / 93% RH // -10°C / -14°F 21 cycles                                                                                                                                      |
| Salt spray fog test (NSS Test) | 35 °C / 95 °F / 4 days, 5% NaCL                                                                                                                                                                         |
| Increased robustness           | yes                                                                                                                                                                                                     |
| Increased chemical resistance  | yes                                                                                                                                                                                                     |
| General information            | This product is suitable for use in industrial environments inside buildings with IPxy protection class according to DIN EN 60529 specified in this data sheet. Not specified for outdoor applications. |

#### Approvals

UL listed (file no.)



DUXR.E178484

#### Standards/Regulations

|                                                    |                    |
|----------------------------------------------------|--------------------|
| Generic cabling systems                            |                    |
| Industrial area                                    | ISO/IEC 24702      |
| UL standard for Communications-Circuit Accessories | UL 1863            |
| Degrees of Protection Provided by Enclosures       | IEC 60529          |
| Connectors for electronic equipment                |                    |
| Rectangular connectors                             | DIN EN 61076-3-106 |

#### Classifications

|           |          |
|-----------|----------|
| ETIM 7.0  | EC000437 |
| ETIM 8.0  | EC000437 |
| ETIM 9.0  | EC000437 |
| ETIM 10.0 | EC000437 |

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#### Packing details

Type of packaging 10 pc(s) / box

#### Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way.



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### Accessories

| P/N          | Designation                                                                 |
|--------------|-----------------------------------------------------------------------------|
| 1401018102KI | Industry IP67 V1 bulkhead protective cap                                    |
| 1401100810MI | E-DAT Industry RJ45 field jack insert Cat.6 Class E <sub>A</sub> , T568A    |
| 1401200810MI | E-DAT Industry RJ45 coupler insert Class E <sub>A</sub>                     |
| 1401800810MI | E-DAT Industry RJ45 field jack insert Cat.6 Class E <sub>A</sub> , T568B    |
| 1401900810MI | E-DAT Industry RJ45 field jack insert Cat.6 Class E <sub>A</sub> , PROFINET |
| 1401A00810KI | E-DAT Industry RJ12 coupler insert                                          |
| 1401B00810KI | E-DAT Industry RJ45 coupler insert Class E <sub>A</sub>                     |
| 1401U00812KI | E-DAT Industry USB A 2.0 adapter insert                                     |
| 1401U10812KI | E-DAT Industry USB A 3.0 adapter insert                                     |
| 1402100820MI | OpDAT Industry SC-RJ/2SC MM adapter insert                                  |
| 1402300820MI | OpDAT Industry LC-D MM adapter insert                                       |
| 1402K00820MI | OpDAT Industry SC-RJ/2SC SM adapter insert                                  |
| 1402L00820MI | OpDAT Industry LC-D SM adapter insert                                       |

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