

**Manifold rail**  
**VABM-L1-10HW-G18-12-GR**  
Part number: 573441

**FESTO**



 [General operating condition](#)

**Data sheet**

| Feature                                            | Value                                                                                                                                                                                                                             |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Grid dimension                                     | 10.5 mm                                                                                                                                                                                                                           |
| Mounting position                                  | optional                                                                                                                                                                                                                          |
| Max. number of valve positions                     | 12                                                                                                                                                                                                                                |
| Approval                                           | c UL us - Recognized (OL)                                                                                                                                                                                                         |
| Corrosion resistance class CRC                     | 2 - Moderate corrosion stress                                                                                                                                                                                                     |
| LABS (PWIS) conformity                             | VDMA24364-B1/B2-L                                                                                                                                                                                                                 |
| Suitability for the production of Li-ion batteries | Metals with more than 1% by mass of copper, zinc or nickel by mass are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils |
| Cleanroom class                                    | Class 6 according to ISO 14644-1                                                                                                                                                                                                  |
| Storage temperature                                | -20 °C ... 60 °C                                                                                                                                                                                                                  |
| Product weight                                     | 692 g                                                                                                                                                                                                                             |
| Pilot air port 12/14                               | M5                                                                                                                                                                                                                                |
| Pilot exhaust port 82/84                           | M5                                                                                                                                                                                                                                |
| Pneumatic connection, port 1                       | G1/8                                                                                                                                                                                                                              |
| Pneumatic connection, port 2                       | M7                                                                                                                                                                                                                                |
| Pneumatic connection, port 3                       | G1/8                                                                                                                                                                                                                              |
| Pneumatic connection, port 4                       | M7                                                                                                                                                                                                                                |
| Pneumatic connection, port 5                       | G1/8                                                                                                                                                                                                                              |
| Note on materials                                  | RoHS-compliant                                                                                                                                                                                                                    |
| Material manifold rail                             | Wrought aluminium alloy                                                                                                                                                                                                           |