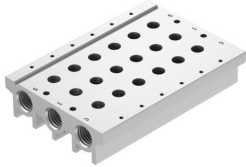


# Manifold rail VABM-L1-18S-G38-5

Part number: 574458

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                                            | Value                                                                                                                                                    |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Grid dimension                                     | 19 mm                                                                                                                                                    |
| Max. number of valve positions                     | 16                                                                                                                                                       |
| Operating pressure                                 | -0.09 MPa ... 1 MPa                                                                                                                                      |
| Operating pressure                                 | -0.9 bar ... 10 bar                                                                                                                                      |
| Approval                                           | RCM trademark<br>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 | Suitable for battery production according to the Festo internal definition of the degree of severity F1A with restrictions regarding the use of Cu/Zn/Ni |
| Cleanroom class                                    | Class 5 according to ISO 14644-1                                                                                                                         |
| Max. tightening torque H-rail mounting             | 1.5 Nm                                                                                                                                                   |
| Max. tightening torque for valve mounting          | 1.18 Nm                                                                                                                                                  |
| Max. tightening torque wall mounting               | 3 Nm                                                                                                                                                     |
| Product weight                                     | 439 g                                                                                                                                                    |
| Pneumatic connection, port 1                       | G3/8                                                                                                                                                     |
| Pneumatic connection, port 3                       | G3/8                                                                                                                                                     |
| Pneumatic connection, port 5                       | G3/8                                                                                                                                                     |
| Note on materials                                  | RoHS-compliant                                                                                                                                           |
| Material manifold rail                             | Wrought aluminium alloy                                                                                                                                  |