

# Dosing needle set VAVN-N-A1.6-12-60-V1-P10

Part number: 8104293

**FESTO**



## Data sheet

| Feature                                           | Value                                                                                           |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Pack size                                         | 10                                                                                              |
| Dosing needle outside diameter                    | 1.6 mm                                                                                          |
| Length of dosing needle                           | 60 mm                                                                                           |
| Nominal width of dosing needle                    | 1.2 mm                                                                                          |
| Corrosion resistance class (CRC)                  | 3 - High corrosion stress                                                                       |
| LABS (PWIS) conformity                            | VDMA24364 Zone III                                                                              |
| For use in the food industry                      | See supplementary material information                                                          |
| Fluid connector                                   | Clamped terminal connection                                                                     |
| Medium                                            | Liquid media<br>Gaseous media                                                                   |
| Information on medium                             | Observe resistance of materials that come into contact with media<br>Maximum particle size 5 µm |
| Operating pressure                                | 0 MPa...0.4 MPa<br>0 bar...4 bar                                                                |
| Normal nominal flow rate (normalized to DIN 1343) | 18.15 l/min                                                                                     |
| Note on standard nominal flow rate                | At a pressure drop of 1 -> 0 bar (gaseous media)                                                |
| Flow rate Kv                                      | 0.034 m³/h                                                                                      |
| Note on flow rate Kv                              | For the medium water                                                                            |
| Temperature of medium                             | 5 °C...60 °C                                                                                    |
| Ambient temperature                               | 5 °C...60 °C                                                                                    |
| Storage temperature                               | -20 °C...70 °C                                                                                  |
| Mounting position                                 | Any                                                                                             |
| Product weight                                    | 4.2 g                                                                                           |
| Note on materials                                 | RoHS compliant                                                                                  |
| Material of dosing needle                         | high-alloy stainless steel                                                                      |
| Material number for dosing needle                 | 1,4404                                                                                          |
| Materials in contact with the media               | high-alloy stainless steel                                                                      |