

# Dosing needle set

## VAVN-N-A1.6-03-60-F-V-V1-P10

Part number: 8104298

FESTO



### Data sheet

 [General operating condition](#)

| Feature   | Value   |
|---|---|
| Pack size   | 10  |
| Dosing needle outside diameter                    | 1.6 mm  |
| Length of dosing needle                           | 60 mm   |
| Nominal width of dosing needle                    | 0.3 mm  |
| Design of dosing needle                           | with chamfer<br>with taper  |
| 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   |
| Operating pressure                                | 0 bar ... 4 bar   |
| Normal nominal flow rate (normalized to DIN 1343) | 1.31 l/min  |
| Note on standard nominal flow rate                | At a pressure drop of 1 -> 0 bar (gaseous media)  |
| Flow rate Kv                                      | 0.003 m <sup>3</sup> /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                                    | 8.1 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  |