

# Dosing needle set VAVN-N-A1.6-06-60-V-V1-P10

Part number: 8104299

FESTO



 General operating condition

## 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      | 0.6 mm                                                                                          |
| Design of dosing needle             | 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                                                                                 |
| Standard nominal flow rate          | 5.47 l/min                                                                                      |
| Note on standard nominal flow rate  | At a pressure drop of 1 -> 0 bar (gaseous media)                                                |
| Flow rate Kv                        | 0.012 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                      | 4.1 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                                                                      |