

# dosing needle set

## VAVN-N-A1.6-12-60-V1-P10

Part number: 8104293

FESTO



### Data sheet

| Feature                                   | Value  |
|---|--|
| Container 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 classification CRC   | 3 - High corrosion stress  |
| PWIS conformity                           | VDMA24364 zone III   |
| Food-safe                                 | See Supplementary material information   |
| Fluid connection                          | Terminal connection  |
| Medium                                    | Fluid media<br>Gaseous media   |
| Information on the medium                 | Observe resistance of materials that come into contact with media<br>Maximum particle size: 5 µm |
| Operating pressure MPa                    | 0 ... 0.4 MPa  |
| Working pressure                          | 0 ... 4 bar  |
| Standard nominal flow rate                | 18.15 l/min  |
| Information on standard nominal flow rate | In case of a pressure drop of 1 -> 0 bar (gaseous media)   |
| Flow rate Kv                              | 0.034 m <sup>3</sup> /h  |
| Information on flow rate Kv               | For water as medium  |
| Medium temperature                        | 5 ... 60 °C  |
| Ambient temperature                       | 5 ... 60 °C  |
| Storage temperature                       | -20 ... 70 °C  |
| Assembly position                         | Any  |
| Product weight                            | 4.2 g  |
| Materials note                            | Conforms to RoHS   |
| Material of dosing needle                 | High alloy steel, non-corrosive  |
| Material number of dosing needle          | 1.4404   |
| Materials in contact with media           | High alloy steel, non-corrosive  |