

# Dosing needle set

## VAVN-N-A1.6-03-30-V-V1-P10

Part number: 8104294

FESTO



### Data sheet

| Feature                                               | Value                                                                                               |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Size of pack                                          | 10                                                                                                  |
| Outside diameter dosing needle                        | 1.6 mm                                                                                              |
| Length of dosing needle                               | 30 mm                                                                                               |
| Nominal width of dosing needle                        | 0.3 mm                                                                                              |
| Design of dosing needle                               | with tapering                                                                                       |
| Corrosion resistance class CRC                        | 3 - high corrosion stress                                                                           |
| LABS (PWIS) conformity                                | VDMA24364 zone III                                                                                  |
| Suitable for use with food                            | See supplementary material information                                                              |
| Fluid connection                                      | Terminal connection                                                                                 |
| Medium                                                | Liquid media<br>Gaseous media                                                                       |
| Note on the medium                                    | Observe resistance of materials that come into contact with the media<br>Maximum particle size 5 µm |
| Operating pressure                                    | 0 MPa...0.4 MPa<br>0 bar...4 bar                                                                    |
| Standard nominal flow rate (standardised to DIN 1343) | 1.38 l/min                                                                                          |
| Note on standard nominal flow rate                    | In case of a pressure drop of 1 -> 0 bar (gaseous media)                                            |
| Flow rate Kv                                          | 0.003 m³/h                                                                                          |
| Note on flow rate Kv                                  | For medium water                                                                                    |
| Media temperature                                     | 5 °C...60 °C                                                                                        |
| Ambient temperature                                   | 5 °C...60 °C                                                                                        |
| Storage temperature                                   | -20 °C...70 °C                                                                                      |
| Mounting position                                     | optional                                                                                            |
| Product weight                                        | 3.9 g                                                                                               |
| Note on materials                                     | RoHS-compliant                                                                                      |
| Material of dosing needle                             | High-alloy stainless steel                                                                          |
| Material number of dosing needle                      | 1.4404                                                                                              |
| Material in contact with the medium                   | High-alloy stainless steel                                                                          |