

Dosing needle set

VAVN-N-A1.6-12-30-V1-P10

Part number: 8104291

FESTO



Data sheet

 [General operating condition](#)

Feature	Value
Size of pack	10
Outside diameter dosing needle	1.6 mm
Length of dosing needle	30 mm
Nominal width of dosing needle	1.2 mm
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 Gaseous media
Note on the medium	Observe resistance of materials that come into contact with the media Maximum particle size 5 µm
Operating pressure	0 MPa ... 0.4 MPa
Operating pressure	0 bar ... 4 bar
Standard nominal flow rate (standardised to DIN 1343)	20.19 l/min
Note on standard nominal flow rate	In case of a pressure drop of 1 -> 0 bar (gaseous media)
Flow rate Kv	0.039 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	2.1 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