

 Aliaxis



**VM DN 8**

PVC-U

Mini Diaphragm valve

# VM DN 8

The VM mini-valve is used to shut-off and regulate fluid flow and is characterised by its reduced size.

## MINI DIAPHRAGM VALVE

- Connection system for solvent weld and threaded joints
- **Extremely compact dimensions**
- **Can be installed in any position**
- **Valve material compatibility** (PVC-U) and elastomer seal elements (EPDM), with water, drinking water and other food substances as per **current regulations**
- Specifically designed for laboratory applications or for sampling purposes

Technical specifications	
<b>Construction</b>	Mini-diaphragm valve
<b>Size range</b>	DN 8 (1/4")
<b>Nominal pressure</b>	PN 10 with water at 20 °C
<b>Temperature range</b>	0 °C ÷ 60 °C
<b>Coupling standards</b>	<b>Solvent welding:</b> EN ISO 1452, EN ISO 15493 Can be coupled to pipes according to EN ISO 1452, EN ISO 15493. <b>Thread:</b> ISO 228-1, DIN 2999
<b>Reference standards</b>	<b>Construction criteria:</b> EN ISO 16138, EN ISO 1452, EN ISO 15493 <b>Test methods and requirements:</b> ISO 9393 <b>Installation criteria:</b> DVS 2204, DVS 2221, UNI 11242
<b>Valve material</b>	PVC-U
<b>Seal material</b>	EPDM
<b>Control options</b>	Manual control

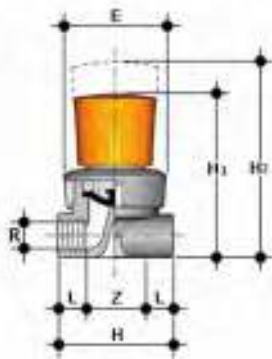
# DIMENSIONS



## VMIV

Mini-diaphragm valve with female ends for solvent welding, metric series

d	DN	PN	E	H	H <sub>1</sub>	H <sub>2</sub>	L	Z	g	Code
12	8	10	43	48	72	81	12	24	70	VMIV012E



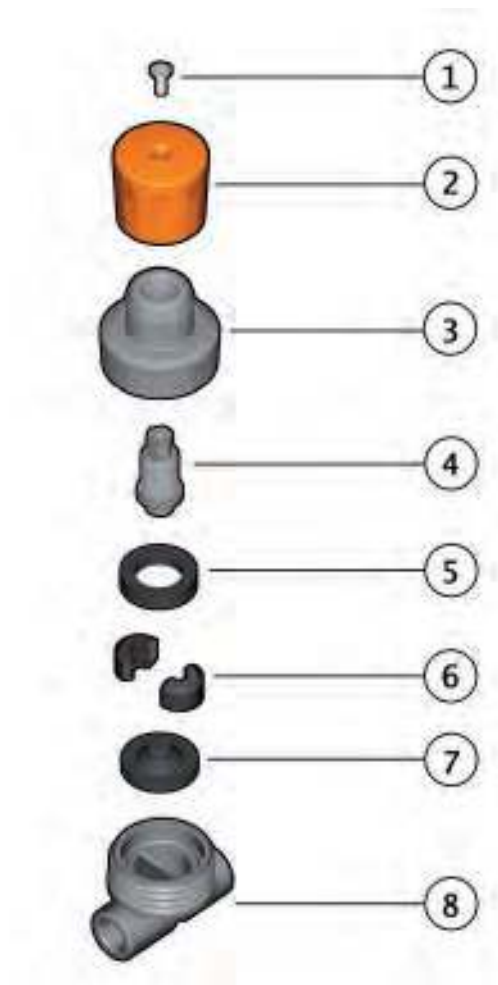
## VMFV

Mini-diaphragm valve with BSP threaded female ends

R	DN	PN	E	H	H <sub>1</sub>	H <sub>2</sub>	L	Z	g	Code
1/4"	8	10	43	48	72	81	10,5	27	70	VMFV014E

# COMPONENTS

## EXPLODED VIEW



**1** Screw (STAINLESS steel - 1)

**2** Handwheel (PVC-U - 1)

**3** Bonnet (PVC-U - 1)

**4** Stem (PVC-U - 1)

**5** Sleeve (POM - 1)

**6** Split couplings (POM - 2)

**7** Diaphragm (EPDM- 1)

**8** Body (PVC-U - 1)

The material of the component and the quantity supplied are indicated between brackets