

- **EPC metering valve 2.952.26 /2.952.29**
- **Suitable for media of up to 10,000 mPas and thixotropic liquids**
- **Especially suitable for cyanoacrylate adhesives**
- **Maximum product pressure 1 bar - 2.952.26**
- **Maximum product pressure 4 bar - 2.952.29**
- **Components in contact with product made of PTFE**
- **Manual stroke adjustment possible via fine-tuning facility in steps 0.01 mm**



The metering valve is a pneumatically actuated piston valve equipped with a flat seal seat that shuts in the direction of the flow.

Owing to the fact that recirculation of liquid at the final metering section does not occur with this design, the valve is especially suitable for cyanoacrylate adhesives.

By admitting air of at least 4 bar (normally 6 bar) into the pneumatic cylinder, the valve opens. It is

shut by turning off the control air via spring pressure.

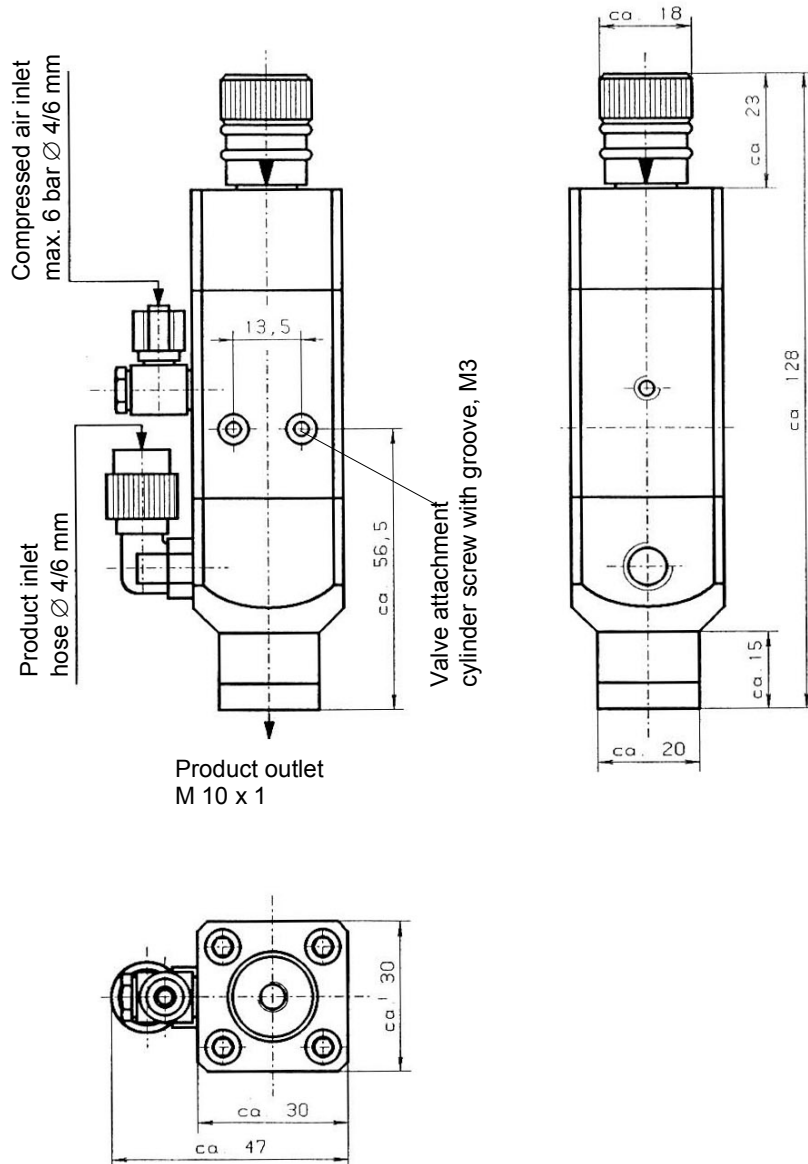
The valve body houses a PTFE diaphragm which protects the metering agent against the metallic components of the pneumatic cylinder. The application of the adhesive to the metering point is carried out via the metering tip.

The valve's body, as well as all parts in contact with the product, are made of Teflon. Thus, the problem of hardening in the valve chamber can be avoided.

Technical data:

Compressed air consumption	4 to 6 bar
Product pressure	0.1 to 3.8 bar - type 295229
Components in contact with product	PTFE
Shortest open and shut time	0.03 sec.
Actuation via	3/2-way pneumatic valve
Weight	275 g

Dimensions:



Ordering data:


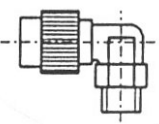

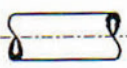
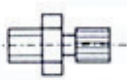
Article/Nomenclature

Material no.



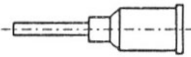

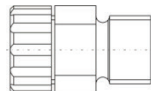
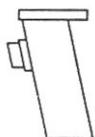
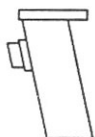
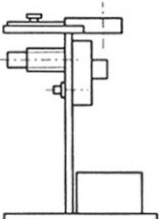
Metering valve EPC 0.1 to 3.8 bar

295229

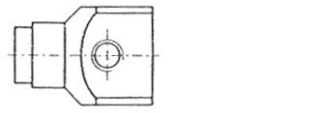




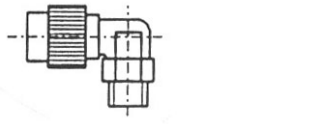
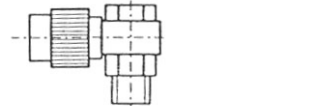
Accessories:

	Article/Nomenclature	Material no.
Inlet side:		
	Compressed air hose Ø 4/6 mm material: blue PE	417400352
	Product hose Ø 4/6 mm material: PTFE	417400215
	Product hose Ø 6/8 mm material: PTFE	417400224
	Angled screw connection R 1/8" Ø 6/8 mm, material: PVDF	415101809
	Spiral hose	417400561
Outlet side:		
	Hose connections:	
	Hose Ø 4/6 mm material: PTFE	417400215
	Hose Ø 6/8 mm material: PTFE	417400224
	Straight screw connection R 1/8" Ø 4/6 mm, material: PVDF	415101962
	Straight screw connection R 1/8" Ø 6/8 mm, material: PVDF	415101963

Accessories:

	Article/Nomenclature	Material no.
	Screw-in nozzles, PTFE:	
	Nozzle Ø 0.8 mm	39520719
	Nozzle Ø 1.0 mm	39520720
	Nozzle Ø 1.3 mm	39520714
	Nozzle Ø 1.6 mm	39520715
	Nozzle Ø 2.0 mm	39520712
	Nozzle Ø 2.5 mm	39520721
	Metering tips, soft:	
	Metering tip, size 0	415701145
	Metering tip, size 0.5	1...5232
	Metering tip, size 1.0	415701147
	Metering tip, size 1.0, Luer-Lock	415701148
	Metering tip, size 1.5	295250
	Metering tips, metallic:	
	Metering needle	
	ID = 1.62 mm length 12,7 mm, aluminum	415703219
	ID = 1.37 mm length 12,7 mm, aluminum	415703220
	ID = 1.00 mm length 12,7 mm, pink	415703221
	ID = 0.78 mm length 12,7 mm, brown	415703222
	ID = 0.50 mm length 12,7 mm, green	415703223
	ID = 0.40 mm length 12,7 mm, black	415703226
ID = 0.31 mm length 12,7 mm, light blue	415703227	
	Adaptor Luer-Lock for metering tips and metallic metering tips	415703251
	Connection clamp adapter PTFE R 1/8"-external, for metering tip extensions and metering tips PE soft	295253
	Grab handle piece, electric	295312
	Grab handle piece, pneumatic Adaptor plate is required in addition	1...9064 on request
	Screw fix and seal unit with inductive gauge	295005

Spare parts:

	Article/Nomenclature	Material no.
	Diaphragm chamber	39522601
	Diaphragm	39520718
	Tappet	39522602
	Aluminum ring	39522608
	O-ring Ø 10 x 2.0 mm, Buna	417002078
	O-ring Ø 18 x 3.0 mm, Buna	417002173
	O-ring Ø 4 x 1.0 mm, EPDM	417001016
	O-ring Ø 6 x 2.0 mm, Viton	417002034
	Angled screw connection R 1/8" Ø 4/6 mm, material: PVDF	415101810
	Swiveling screw connection M5 Ø 4/6 mm, material: aluminum	415100903