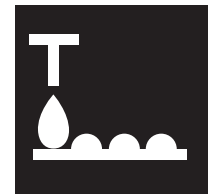


# Needle metering valves



## Technical data (Micro-metering valve)

Article no.		401.06.18
Metering volume per shot	ml	0.001 – 0.01
Material inlet pressure min.	bar	3
Material inlet pressure max.	bar	20
Viscosity range	mPa s	10 - 200'000
Material connection	G	1/8 60°
Dimensions (A x B)	mm	25 x 20
Height max. (C)	mm	160
Weight	kg	0.2

## Accessories

### Packing key



401.04.66

Packing key

### Solenoid valve plate



100.15.02

Solenoid valve plate with industrial plug form C

### Tank



401.04.90

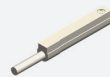
Tank 18 ml

### Signal generator



130077

Electronic signal generator with 5 m cable



130078

Electronic signal generator with 5 m cable and M8x1 plug

### Handle



1007395

Handle pneumatic



1007396

Handle electric with switch



1007397

Handle electric with initiator



29.01.238

Cable 10m with plug 3-pole M8x1

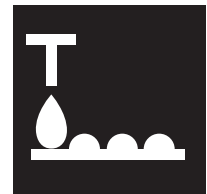
### Micro-flow sensor



403.04.21

Micro-flow sensor

# Needle metering valves






## Technical data (for 450 series)

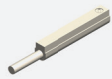
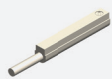

Article no.		450.20.00	450.20.03
Metering volume per shot	ml	0.003 – 0.200	
Material inlet pressure min.	bar	3	
Material inlet pressure max.	bar	20	50
Viscosity range	mPas	10 – 200'000	
Material connection	G	1/4 60°	
Dimensions (A x B)	mm	35 x 35	
Height max. (C)	mm	260	
Weight	kg	0.75	

## Accessories


### Handle

	401.03.50	Handle pneumatic
	401.03.60	Handle electric with switch
	401.03.66	Handle electric with initiator





### Signal generator

	130077	Electronic signal generator with 5 m cable
	130078	Electronic signal generator with 0.5 m cable and M8x1 plug
	29.01.238	Cable 10m with plug 3-pole M8x1


### Micro-flow sensor

	403.04.21	Micro-flow sensor
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### Solenoid valve plate

	100.55.18	Solenoid valve plate with industrial plug form C
	1010904	Solenoid valve plate with throttle check valve and industrial plug form C
	1010807	Solenoid valve plate with plug 4 pin M8x1
	1010907	Solenoid valve plate with throttle check valve for plug 4-pole M8x1

### Luer-Lock

	400.09.05	Luer-Lock-adapter
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### Outlet adapter

	1002566	Outlet adapter IM12x1 iG 1/8 cpl.
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