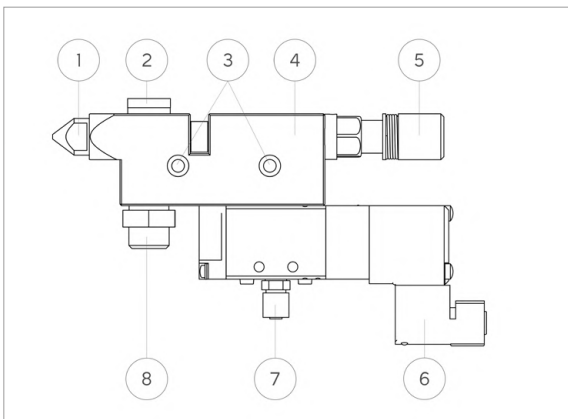




Processing & Application / Pulsing / Valves

MPP-01 – MICRO-POINT-PULSE VALVE TYPE 1



USAGE

The MPP Pulse Valve is best for a contact-free medium application (Pulsing). These process valves allow you to shoot dots of different media over a distance of up to 150 [mm] onto the target component. With this functional principle, you will be able to reach locations with difficult access, such as borings or beadings, for a medium application. As an option, a light barrier can monitor each individually applied medium dot.

CONSTRUCTION

- 1 Nozzle
- 2 Locking screw
- 3 Fastening thread
- 4 Basic housing
- 5 Raster-needle sensor
- 6 Magnetic valve
- 7 Control air connection
- 8 Material connection

HIGHLIGHTS

- Broad spectrum of use from dynamic smallest quantities to jet-stream dosing
- contact-free medium application
- broad spectrum of use for different media and a wide range of viscosity
- high flexibility due to replaceable nozzle and dosing needle
- optional light barrier available for monitoring the medium discharge
- optional heating plate available for tempering the valve

YOUR BENEFITS

- Suitable for an efficient, contact-free dosing of viscous media
- adjustable dosing volume
- compact design, excellent integration into any production system
- low weight, ideal for high traversing speeds
- possibility for realising a process control in connection with a WALTHER LOGIC Limit Value Module



MPP-01 – MICRO-POINT-PULSE VALVE TYPE 1

ORDER CODE

(* STANDARD OPTIONS)

MPP-01	-		-		-		-		-		-	
1		2		3		4		5		6		7

1	Designation	4	Save	6	Nozzle diameter
	Micro-Point-Pulse Valve Type	S	installed*	02	0,2 [mm]
1		N	not installed*	03	0,3 [mm]
2	Sealing Material	5	Pressure sensor	05	0,5 [mm]*
V	Viton*	T00	upper boring with plug*	08	0,8 [mm]
I	Isolast	T02	upper sensor 0 to 2 [Bar]	10	1,0 [mm]
E	EPDM	T10	upper sensor 0 to 10 [Bar]	7	Material of housing
3	Needle stroke adjustment	T50	upper sensor 0 to 50 [Bar]*	M	brass nickel-plated*
R	with sensor*	R00	boring right with plug	E	stainless steel
N	without sensor*	R02	sensor right 0 to 2 [Bar]		
		R10	sensor right 0 to 10 [Bar]		
		R50	sensor right 0 to 50 [Bar]		

STANDARD VARIANTS

Item number	Order Code	Item number	Order Code
50010457	MPP-01-V-N-N-T00-05-M	50010458	MPP-01-V-R-N-T00-05-M
50010474	MPP-01-V-N-N-T50-05-M	50010477	MPP-01-V-R-N-T50-05-M
50010475	MPP-01-V-N-S-T00-05-M	50010478	MPP-01-V-R-S-T00-05-M
50010476	MPP-01-V-N-S-T50-05-M	50010479	MPP-01-V-R-S-T50-05-M

SPARE PARTS

Item number	Order Code	Designation
5000xxxx	DPV-xx-xx-xx	Nozzles Pulse Valve
5000xxxx	VNP-xx-xx-xx-xx-xx	Valve needle Pulse Valve
50007228		Valve needle lock with needle stroke sensor
50007229		Valve needle lock with needle stroke sensor
50010621		Magnetic valve with connecting plug
50010652		Wearing parts kit ISOLAST
50010648		Wearing parts kit FKM



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ACCESSORIES

Item number	Order Code	Designation
50008879	PS2-002-G18-A	Pressure sensor 2 [bar]
50008758	PS1-010-G18-A	Pressure sensor 10 [bar]
50008756	PS1-050-G18-A	Pressure sensor 50 [bar]
50008785		G1/8" Mounting system pressure sensor
50007751	HZP-90-25W-07	Heating plate
50007835	HZP-ISO-07	Insulating plate
50007618		Centering sleeve (2x)
50008400	WLG-40-470-SOFT-500	WALTHER LOGIC Limit Value Module incl. software
50008752	WLVC-30-320-SOFT-323	WALTHER LOGIC Valve Control incl. software
50008746	WLVCMI-10-101-SOFT-101	WALTHER LOGIC Valve Control MINI incl. software
50007662	RKS-01	Cleaning kit for valves
50007773	WZS-03	Tool set for valve maintenance
50010324	SAVE-NV-02	SAVE Valve needle lock

TECHNICAL DATA

Process pressure	max. 100 [bar]
Switching frequency	max. 40 [Hz]
Weight	425 [g]
Dimensions l x w x h	144 x 15 x 82 [mm]
Process connection	G1/8
Control air pressure	6 [bar]