Data sheet

SyrDos™ 2 CKP, 3 port valve made of ceramic

Product description

The SyrDos™ 2 CKP is a syringe dosing device for the precise dosing of liquid media, even against high pressure. By combining two drives, a continuous flow can be achieved.

- ✓ High-precision dosing
- ✓ Robust stainless steel housing
- ✓ Extensive syringe portfolio
- ✓ 10-32 UNF, inner thread

Illustration similar. Syringes are not included.

Characteristics

Number of usable ports	Single-Mode: 6; Tandem-Mode: 6 (with 2 valves)
Feed rate*	Depends on syringe, 1.56 µl/min (100 µl syringe) up to 156 ml/min (25 ml syringe)
Max. conveying force	150 N
Resolution	8,000 steps/cm
Operating temperature	0…45 °C
Storage temperature	-30…+70 °C, store in a dry place
Protection class	IP20
Power supply/Power consumption	230 V AC, 100 VA
Dimensions (W x H x D)	223 x 270 x 195 mm
Weight	approx. 10 kg

* The feed rate depends on the syringe used and the medium to be dosed.

Control/Inputs

Power supply	230 V AC IEC-60320 C13 connector
Serial interface	D-Sub 9P, RS-232
Analogue interface	D-Sub 9S, 4…20 mA/0…5 V
Pressure sensor input	D-Sub 15S

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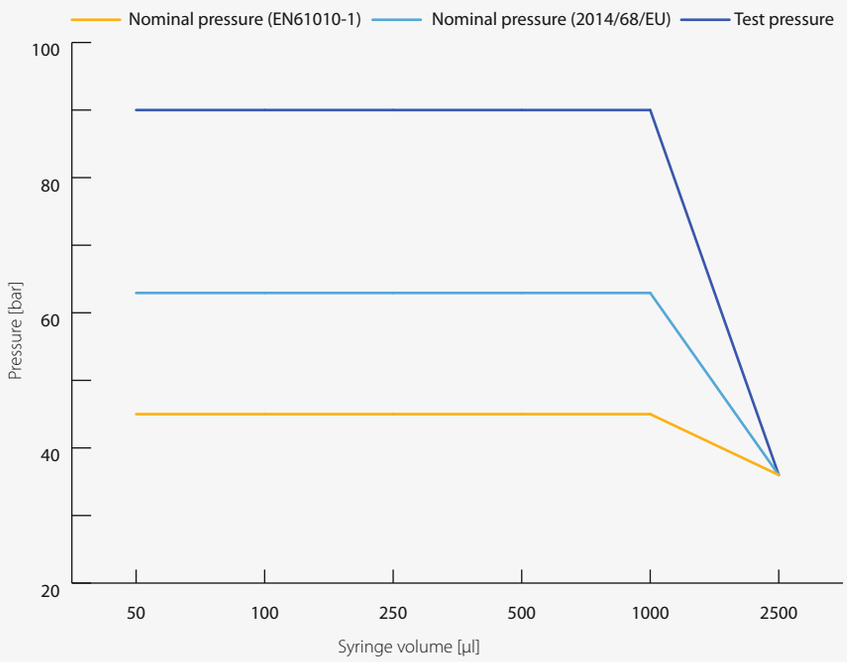
Valve

Number of ports	3
Test pressure	90 bar
Nominal pressure (EN61010-1)	45 bar
Nominal pressure (2014/68/EU)	65 bar
Valve connection	10-32 UNF, inner thread
Medienberührende Teile	Ceramic

Maximum system pressure



Product code	Description
IP-SYR-CKP-P-CER-3	SyrDos™ 2 syringe doser CKP series for 2 syringes, 3 port valve made of ceramic
ER-SYR-CKP-V-CER-3	3 port replacement valve made of ceramic for SyrDos™ 2 CKP
ER-SYR-CKP-VD-CER-3	Replacement pump drive with 3 port valve made of ceramic for SyrDos™ 2 CKP
IP-SYR-CKP-HP-C-vol	Glass syringe for SyrDos™ High pressure, CKP series, set
IP-SYR-CKP-HP-G-vol	Glass syringe for SyrDos™ High pressure, CKP series, exchange glass incl. plunger, seal

vol = volume: 100, 250, 500, 1000, 2500 corresponding to 100, 250, 500 µl, 1, 2.5 ml

Attention
The maximum pressure of the system depends on various factors such as used syringe, valve etc.

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