

Data sheet

SyrDos™ 2 CKP, 4 port valve made of PTFE



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
- ✓ 1/4"-28 UNF, inner thread



Illustration similar. Syringes are not included.

Characteristics

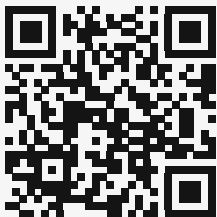
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|--------------------------------|---|
| Number of usable ports | Single-Mode: 8; Tandem-Mode: 8 (with 2 valves) |
| Feed rate* | Depends on syringe, 1.56 µl/min (100 µl syringe) up to 156 ml/min (25 ml syringe) |
| Max. conveying force | 150 N |
| 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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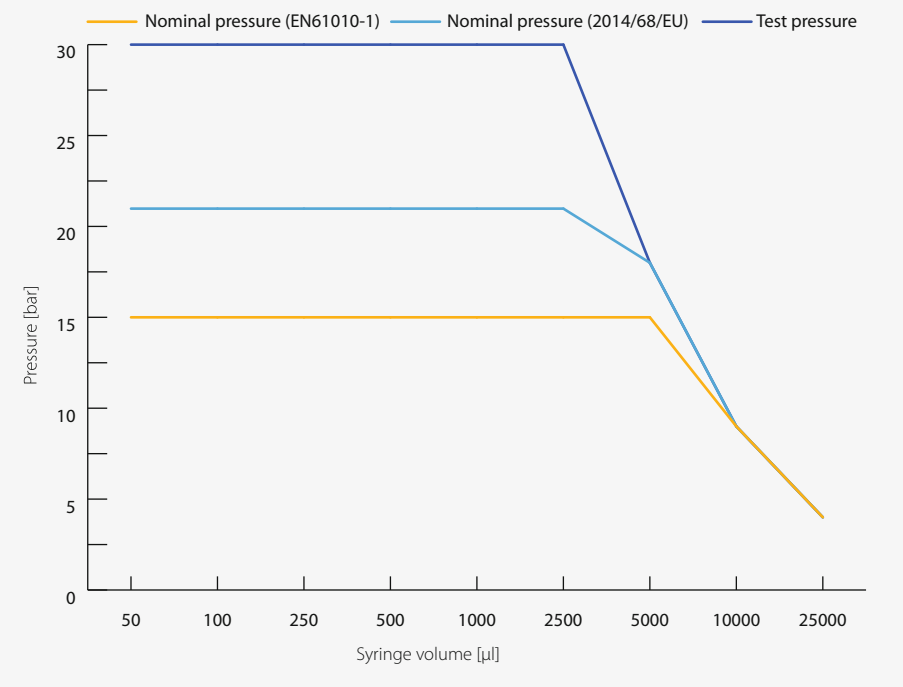
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Valve

| | |
|-------------------------------|---------------------------|
| Number of ports | 4 |
| Test pressure | 30 bar |
| Nominal pressure (EN61010-1) | 15 bar |
| Nominal pressure (2014/68/EU) | 20 bar |
| Valve connection | 1/4"-UNF 28, inner thread |
| Medienberührende Teile | PTFE, PCTFE |

Maximum system pressure



Product code

| | |
|----------------------|---|
| IP-SYR-CKP-P-PTFE-4 | SyrDos™ 2 syringe doser CKP series for 2 syringes, 4 port valve made of PTFE |
| ER-SYR-CKP-V-PTFE-4 | 4 port replacement valve made of PTFE for SyrDos™ 2 CKP |
| ER-SYR-CKP-VD-PTFE-4 | Replacement pump drive with 4 port valve made of PTFE 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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