Data sheet

SyrDos™ 2 XLP, 3 port valve made of PTFE

HITEC ZANG

Product description

The SyrDos™ 2 XLP 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.

Illustration similar. Syringes are not included.

- ✓ High-precision dosing
- ✓ Robust stainless steel housing
- ✓ Extensive syringe portfolio
- ✓ ¼"-UNF 28, inner thread

Characteristics

Number of usable ports	Single-Mode: 6; Tandem-Mode: 6 (with 2 valves)
Feed rate*	Depends on syringe, 0.31 µl/min (50 µl syringe) up to 156 ml/min (25 ml syringe)
Max. conveying force	65 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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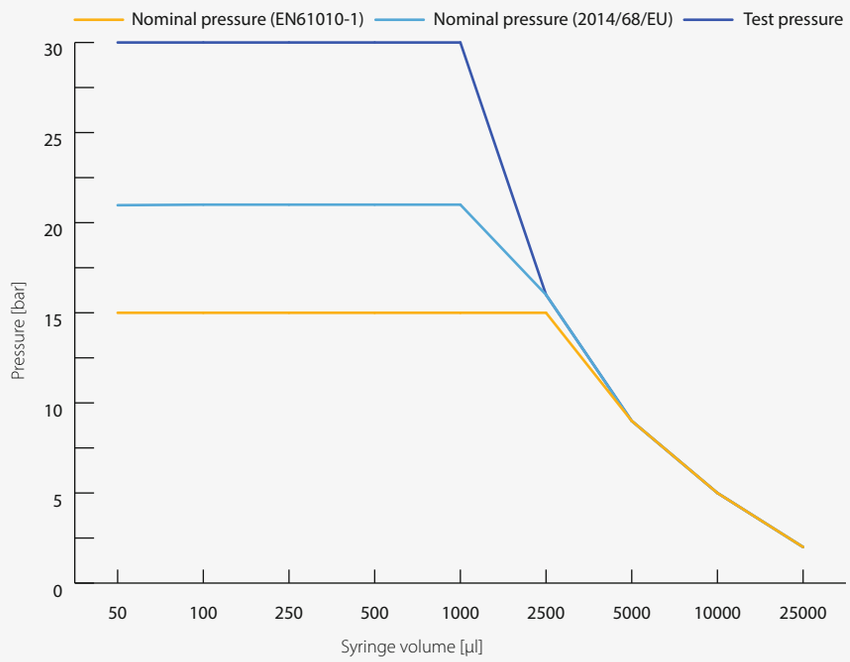
Valve

Number of ports	3
Test pressure	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	Description
IP-SYRDOS2-XLP-PTFE-3	SyrDos™ 2 syringe doser XLP series for 2 syringes, 3 port valve made of PTFE
ER-SYRDOS-XLP-VD-PTFE-3	3 port replacement valve made of PTFE for SyrDos™ 2 XLP
ER-SYRDOS-XLP-PTFE-3	Replacement pump drive with 3 port valve made of PTFE for SyrDos™ 2 XLP
IP-SYRDOS-SYRG-XLP-vol	Glass syringe for SyrDos™ XLP series, set
IP-SYRDOS-SYRG-XLP-BL-vol	Glass syringe, with carbon reinforced PTFE plunger, for SyrDos™ XLP series, set

vol = volume: 50, 100, 250, 500, 1000, 2500, 5000, 10000, 25000 corresponding to 50, 100, 250, 500 µl, 1, 2.5, 5, 10, 25 ml

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

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