



CHLORINE DIOXIDE SYSTEM

BELLO ZON CDKD

Chlorine dioxide system for the metering of chlorine dioxide with concentrated starting chemicals. The proven safety concept protects people and the environment. The certified yield guarantees efficient chlorine dioxide production. Bello Zon CDKd can be easily and safely integrated into any water treatment process.

POWER SUPPLY

- 100-230 V, 50/60 Hz

INPUTS

- 4 analogue inputs (0/4-20 mA)
- Water flow
- Control variable
- Acid level
- Chlorite level
- 4 digital inputs
- Contact water meter 0.25-20 Hz
- Pause
- Alternative metering
- External fault

OUTPUTS

- 1 operating signal relay
- 1 alarm signal relay
- 1 warning signal relay
- Mains output for control of the bypass pump
- 2 freely configurable analogue outputs (0/4-20 mA)

OPERATING SUBSTANCES

- 24.5% sodium chlorite, purity according to EN 938
- 25-37 % hydrochloric acid, purity according to EN 939
- Particle-free water

TECHNICAL DATA



ProMinent®

Type	Chlorine dioxide metering rate (min.... max./hour, min./day)*		Max. operating pressure**	Operating temperature	Suction-side connector dimension of calibration vessels		Dimensions of the bypass connector
	g/h	g/d			bar	°C	
CDKd 150	7.5...150	56	8	10...40	8x5	6x4	25
CDKd 400	20...400	140	8	10...40	12x9	8x5	25
CDKd 900	45...900	300	8	10...40	Pressure hose nozzle d16	8x5	25
CDKd 2000	100...2,000	700	5	10...40	Pressure hose nozzle d20	12x9	40
CDKd 2800	140...2,800	700	5	15...40	Pressure hose nozzle d20	12x9	40
CDKd 7300	370...7,300	1750	3	15...40	Pressure hose nozzle d32	Pressure hose nozzle d16	40
CDKd 12000	600...12,000	1750	2	18...40	Pressure hose nozzle d32	Pressure hose nozzle d16	40

Type	Dimensions H x W x D (approx.)*	Weight	Supply voltage 230 V**	Supply voltage 115 V**	Power consumption without bypass pump	Power consumption with bypass pump	HCl (30 %)**	NaClO ₂ (24.5 %)**
CDKd 150	1,300 x 1,000 x 250	89	3.9	1.7	110	640	0.9	0.9
CDKd 400	1,675 x 900 x 460	119	3.9	1.8	160	690	2.5	2.5
CDKd 900	1,920 x 920 x 520	131	4.2	2.3	210	740	5.6	5.6
CDKd 2000	1,880 x 1,320 x 570	201	-	3.7	370	-	12.3	12.3
CDKd 2800	1,880 x 1,320 x 570	201	-	3.7	370	-	17.3	17.3
CDKd 7300	2,250 x 1,850 x 500	216	-	8.6	610	-	45.1	45.1
CDKd 12000	2,250 x 1,850 x 500	216	-	8.6	610	-	74.1	74.1

FOR MORE INFORMATION.

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