

# Chlorine dioxide system Bello Zon CDLb H<sub>2</sub>SO<sub>4</sub>

## Gentle disinfection without corrosion



Bello Zon CDLb H<sub>2</sub>SO<sub>4</sub> especially for applications critical with regard to corrosion for the production of low-chloride chlorine dioxide liquid. With the chlorine dioxide system, ClO<sub>2</sub> is produced discontinuously following the acid/chlorite procedure.

### Technical Details

- Power supply: 100-230 V, 50/60 Hz
- Inputs: 2 freely configurable digital inputs for the Pause, High metering, Intermittent metering or Manual metering functions as well as an external common alarm, 4 digital inputs for monitoring the chemical supply (warning / empty message), 1 digital input for contact water meter 0.25 - 20 Hz, 1 frequency input for water meter 10 - 10,000 Hz
- Outputs: 1 operating signal relay, 1 alarm signal relay, 1 warning signal relay, 1 +5 V voltage output as supply voltage for water meter with Hall sensor
- Operating substances: 7.5% sodium chlorite, purity in accordance with EN 938, 25 % sulfuric acid, purity in accordance with EN 939, potable water
- Degree of protection: IP 65



# Chlorine dioxide system Bello Zon CDLb H<sub>2</sub>SO<sub>4</sub>

## Gentle disinfection without corrosion

### Technical Data

Type	Generation capacity g/h	Operating temperature °C	Concentration mg/l	Minimum metering rate l/h	Dimensions H x W x D mm	Weight kg
CDLb 08 H <sub>2</sub> SO <sub>4</sub>	8	10...40	1,500	8	1,236 x 878 x 306	42
CDLb 16 H <sub>2</sub> SO <sub>4</sub>	16	10...40	1,500	13	1,236 x 878 x 306	46
CDLb 41 H <sub>2</sub> SO <sub>4</sub>	41	10...40	1,500	30	1,550 x 800 x 345	73
CDLb 89 H <sub>2</sub> SO <sub>4</sub>	89	10...40	1,500	-	1,300 x 880 x 425	55

### Interfaces

Type CDLb H <sub>2</sub> SO <sub>4</sub>		8 g/h	16 g/h	41 g/h	89 g/h
Water inlet	ProMinent/Neutral	12-9	12-9	12-9	Di20/DN15
	Switzerland	Di20/DN15	Di20/DN15	Di20/DN15	Di20/DN15
Connector dimensions of metering pump for acid and chlorite		6x4	6x4	6x4	6x4
ClO <sub>2</sub> output	with internal storage/pump/back pressure valve	6-4	12-9	12-9	
	with internal storage/pump	6-4	12-9	12-9	
	with internal storage, without pump	6-4	12-9	12-9	
	with external storage, without pump (reactor outlet)	12-9	12-9	12-9	Di25/DN20
	external storage (suction lance connector)	Di25/DN20	Di25/DN20	Di25/DN20	Di25/DN20