

# UV System DULCODES LP certified

Global first in the chemical-free disinfection of potable water – now also certified

ProMinent®



**UV system DULCODES LP for drinking water disinfection, comprehensively certified to internationally-recognised DVGW/ÖVGW/SVGW/UVDM standards. Looking to the future, the systems have already been type-tested in accordance with the latest DIN 19294-1:2020-08 test regulation. Successful certification officially confirms the precise 50-100% control range of the highly efficient VARIO-Flux lamps with dynamic lamp heating.**

## Technical Details

- High-grade stainless steel 1.4404/316L reactor hydraulically optimised by means of computer simulation
- High-output amalgam lamp 'VARIO-Flux' with dynamic lamp heating
- Guaranteed lamp service life of 14,000 operating hours (pro rata)
- Electronic ballasts for the gentle ignition, operation and individual monitoring and control of the lamps
- DVGW/ÖVGW UVC sensor 160° opening angle, highly selective and age-stable, integrated in the measuring window
- Continuous monitoring of the reactor temperature by temperature sensor Pt 1000
- Single-lamp system: equipped with either a Compact Controller or Comfort Controller
- Various options for simple integration of the system in higher-level control systems thanks to many analogue and digital interfaces and connectors
- Data logger: all relevant operating data and events are saved on the SD card and can be simply and conveniently visualised with an analysis programme



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## Technical Data

Type	Max. flow rate*	Lamp power	Connected load	Radiation chamber length	Free space needed for maintenance	Empty weight/ Operating weight	Connector width**
	m <sup>3</sup> /h	W	kW	mm	mm	kg	DIN / ANSI
1x80 LP	6.4	81	110	872	973	140	RP 2" / RP 2" / -
1x230 LP	20.7	260	310	1151	1064	140	DN 80 / 3" / DN 80
1x350 LP	48	370	430	1640	1465	168	DN 100 / 4" / DN 100
2x350 LP	109	2x370	835	1640	1465	256	DN 150 / 6" / DN 150
3x230 LP	86	3x260	825	1185	1156	324	DN 150 / 6" / -
3x350 LP	168	3x370	1,240	1885	1565	324	DN 200 / 8" / DN 200
4x350 LP	251	4x370	1,645	1885	1565	356	DN 200 / 8" / -
6x350 LP	406	6x370	2,455	1885	1565	406	DN 250 / 10" / -

\* 98C%/cm transmission; flows certified to DIN-DVGW 19294 / ÖNORM / SVGW / ACS

\* TC = Tri Clamp

Lamp type	Low-pressure lamp VARIO Flux
Control type	Comfort controller, optionally compact controller
Permissible operating pressure	10 bar or 16 bar
Ambient temperature	5–40°C with comfort control, 5–35°C with compact control
Permissible water temperature	2...70°C
Enclosure rating	IP 66

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