




Functional overview guide for TOPAX® - controllers

Operation / Version										
	TOPAX® DX		TOPAX® DE		TOPAX® L / LF					
	Software languages: DE, GB, NL, ES, FR, PO, CZ, RU, NO		Software languages: DE, GB, ES, FR		Software languages: DE, GB, NL, ES, FR, CZ, SE, PL					
	DX	DE7	DE8	L1	L2	L3	L4	L5	LF1	LF2
Measuring										
Number of inputs	4 – 6	4	4	2	2	2	2	2	2	2
Disinfection (Cl ₂ or ClO ₂)	•	Cl ₂	•	Cl ₂	-	-	Cl ₂	-	-	-
pH	•	•	•	-	•	-	-	-	-	-
ORP	•	°	°	-	-	•	-	-	-	-
Temperature	•	•	•	•	•	•	•	•	•	•
Total chlorine	•	-	-	-	-	-	-	-	-	-
Conductivity	• ^a	-	-	-	-	-	-	-	• ^c	• ^d
Hydrogen peroxide	-	-	-	-	-	-	-	•	-	-
Compensation										
pH compensation	with Cl ₂	-	with Cl ₂	-	-	-	-	-	-	-
Temperature compensation	•	•	•	•	•	•	•	•	•	•
Disturbance variable input										
0/4 ... 20 mA	• ^a	°	°	-	-	-	-	-	-	-
Measuring value outputs (20 mA)										
Wall mounted housing	8	5	5	1	1	1	1	1	1	1
Panel mounted housing	-	-	-	1	1	1	1	1	1	1
Control										
Number of controllers	4 – 6	2	2	1	1	1	1	1	1	1
Free chlorine / chlorine dioxide / ORP	•	•	•	Cl ₂	-	ORP	ClO ₂	-	-	-
pH	•	•	•	-	•	-	-	-	-	-
Bonded chlorine	°	-	-	-	-	-	-	-	-	-
Conductivity	°	-	-	-	-	-	-	-	• ^c	• ^d
Hydrogen peroxide	-	-	-	-	-	-	-	•	-	-
Controller outputs										
Analogue 0/4 ... 20 mA	•	•	•	• ^a	• ^a	• ^a	• ^a	• ^a	• ^a	• ^a
3-point step	•	•	•	-	-	-	-	-	-	-
Pulse length	•	•	•	•	•	•	•	•	•	•
Pulse frequency	•	•	•	•	•	•	•	•	•	•
Ethernet	• ^e	-	-	-	-	-	-	-	-	-
Controller performance										
Dual-side control	•	•	•	•	•	•	•	•	•	•
ON/OFF	•	•	•	•	•	•	•	•	•	•
P	•	•	•	•	•	•	•	•	•	•
PI	•	•	•	•	•	•	•	•	•	•
PID	•	•	•	-	-	-	-	-	-	-
Alarm functions										
Alarm relay	•	•	•	•	•	•	•	•	•	•
Communication										
RS 485	°	°	°	°	°	°	°	°	°	°
Ethernet	• ^e	-	-	-	-	-	-	-	-	-
TopView software connection	°	°	°	°	°	°	°	°	°	°
Display										
One-colour	-	-	-	•	•	•	•	•	•	•
Colour	•	•	•	-	-	-	-	-	-	-
Graphics-capable	•	•	•	-	-	-	-	-	-	-
Additional functions										
Logbook	•	•	•	-	-	-	-	-	-	-
Screen writer	•	•	•	-	-	-	-	-	-	-
Input supply voltage										
110...240 V 50/60 Hz	•	•	•	-	-	-	-	-	-	-
230 V 50/60 Hz	-	-	-	•	•	•	•	•	•	•
120 V 50/60 Hz	-	-	-	°	°	°	°	°	°	°
24 V 50/60 Hz	-	-	-	°	°	°	°	°	°	°
24 VDC	°	°	°	-	-	-	-	-	-	-
Device version										
Wall mounted housing	•	•	•	•	•	•	•	•	•	•
Panel mounted housing	-	-	-	•	•	•	•	•	•	•

- Standard equipment
- ^a unless not otherwise implemented
- ^b not possible with disturbance variable input

- ^c conductive
- ^d inductive
- ^e only TOPAX DX Net

- not available
- ° optional – on demand
- °^f instead of Cl₂ possible