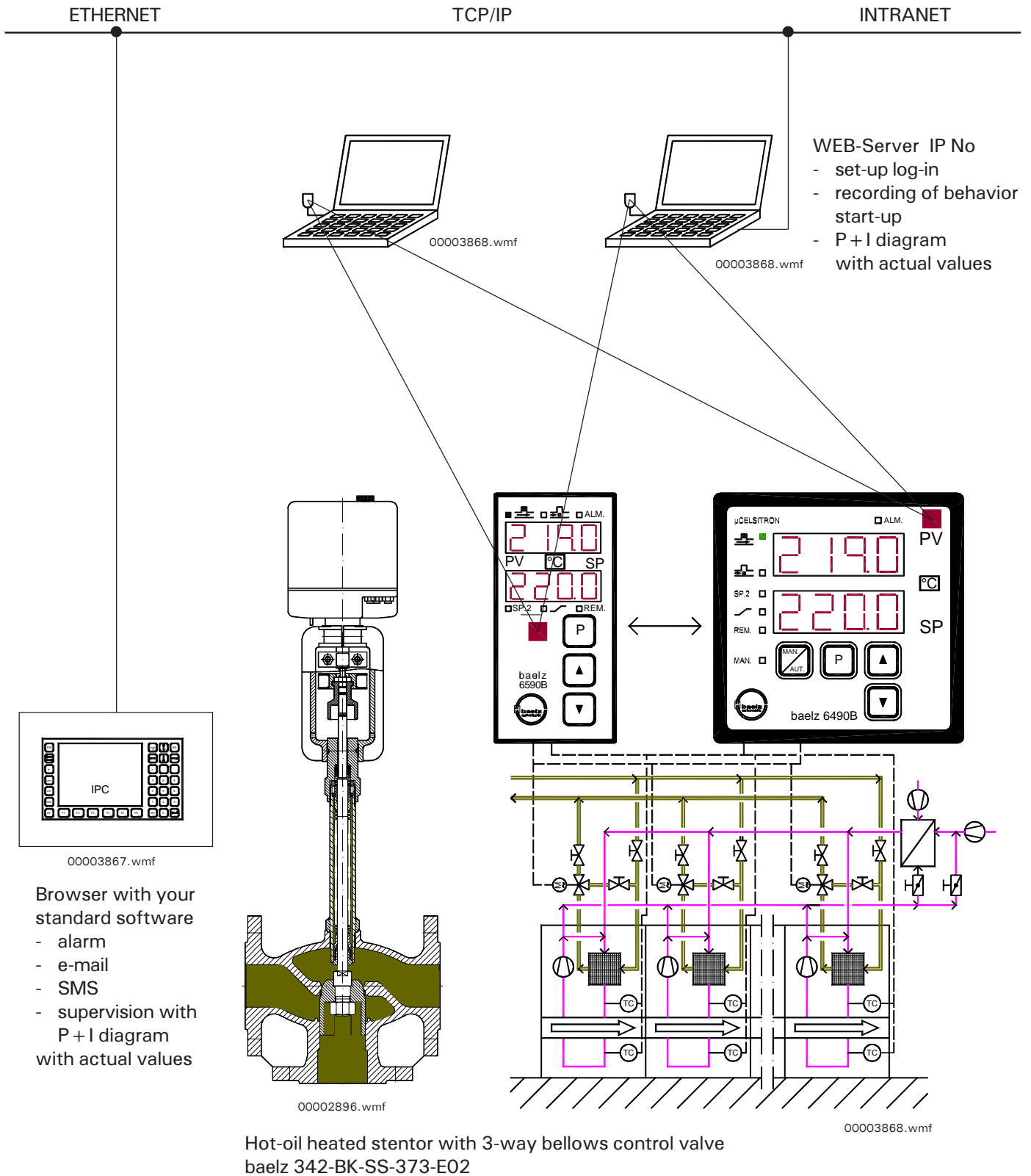


Baelz microprocessors with infrared interface

New Baelz controllers with infrared interface to communicate wireless



Hot-oil heated stentor with 3-way bellows control valve
baelz 342-BK-SS-373-E02

Baelz microprocessors with infrared interface

Controllers

One loop microprocessor with standard temperature range 0...300°C (code 2.4)

precision: 0.1 %; with scalable linear input

baelz 64xx (96 x 96 mm) and baelz 65xx (96 x 48 mm)

3 types with 3 different outputs: on/off; open – stop – close; 4...20 mA; 230 V, 50/60 Hz



Controller type according to size and control output Order No.

Controller type according to size and control output Order No.		Front panel housing 96 x 96 mm	Front panel housing 96 x 48 mm	Rail mounting	Protection class IP 65 for front	N° of selectable analogue inputs	Pt 100 Ω; 3-wire connection	Input 0/4...20 mA	Input 0/2...10 V	Continuous output 0/4...20 mA; 0/2...10 V	N° of digital inputs	2 nd setpoint (DI)	Remote setpoint (DI)	Forced - OPEN (DI)	Forced - CLOSE (DI)	Forced - STOP (DI)	N° of alarm relays	Continuous actual value output 0...10 V of Pt 100 - input	With RS 485 interface	Without keyboard, without LED display
On/Off controller																				
6440/1-2.4*	6440-0002	X			X	3 ¹	X	X	X		1		X				1			
6440/2-2.4*	6440-0202	X			X	3 ¹	X	X	X		5	X	X	X	X	X	1	X		
6440/3-2.4*	6440-0302	X			X	3 ¹	X	X	X		5	X	X	X	X	X	2		X	
Motorized valve controller without position feedback, power supply: 230 V TPS: Three Position Step controller (Open - Stop - Close)																				
6490B/1-2.4	6490-1402	X			X	1	X				1	x ³		x ³	x ³	x ³	1			
6490B/4-2.4	6490-1602	X			X	1	X				1	x ³		x ³	x ³	x ³	1		X	
6490/1-2.4*	6490-0002	X			X	3 ¹	X	X	X		1		X				1			
6490/2-2.4*	6490-0202	X			X	3 ¹	X	X	X		5	X	X	X	X	X	1	X		
6490/3-2.4*	6490-0302	X			X	3 ¹	X	X	X		3			X	X	X	2			X
6490/5-2.4*	6490-0502	X			X	3 ¹	X	X	X		1		X				2	X		
6590A/1-2.4*	6590-1002		X		X	1	X				1	x ³		x ³	x ³	x ³	1			
6590A/4-2.4*	6590-1102		X		X	1	X				1	x ³		x ³	x ³	x ³	1		X	
6590B/4i-2.4	6590-1402		X	X		1	X				1	x ³		x ³	x ³	x ³	1		X	X
6590/1-2.4*	6590-0002		X		X	3 ¹	X	X	X		1		X				1			
6590/2-2.4*	6590-0202		X		X	3 ¹	X	X	X		5	X	X	X	X	X	1	X		
6590/3-2.4*	6590-0302		X		X	3 ¹	X	X	X		3			X	X	X	2		X	
Motorized valve controller with position feedback																				
6495/1-2.4*	6495-0002	X			X	2 ²	X		X		1		X				1			
Controller with continuous output																				
6496/1-2.4*	6496-0002	X			X	3 ¹	X	X	X	X	1		X				2			
6496/2-2.4*	6496-0202	X			X	3 ¹	X	X	X	X	5	X	X	X	X	X	2	X		
6496/3-2.4*	6496-0302	X			X	3 ¹	X	X	X	X	5	X	X	X	X	X	2		X	
6596/1-2.4*	6596-0002		X		X	3 ¹	X	X	X	X	1		X				2			
6596/2-2.4*	6596-0202		X		X	3 ¹	X	X	X	X	5	X	X	X	X	X	2	X		
6596/3-2.4	6596-0302		X		X	3 ¹	X	X	X	X	5	X	X	X	X	X	2		X	
Cascade controller with continuous output																				
6487/1-2.4	6487-0002	X			X	3 ²	X	X	X	X	1		x ⁴				2			
Cascade controller with motorized valve output																				
6497/1-2.4*	6497-0002	X			X	3 ²	X	X	X		1		x ⁴				1			
Motorized valve controller without position feedback, power supply: 24 V TPS: Three Position Step controller (Open - Stop - Close)																				
6590/1-2.4-024	6590-0022		X		X	3 ¹	X				1		X				1			
6590/2-2.4-024	6590-0222		X		X	3 ¹	X	X	X		5	X	X	X	X	X	1	X		

¹ only one analogue input useable
*available from stock

² two analogue inputs useable
^{x4} setpoint offset OFS (DI)

^{x3} freely selectable by software

Supplement for 24 V instead of 230 V
Supplement for 115 V instead of 230 V