

RWF50 Menu Options

Parameters		Parameter Name	Value Range	Factory Setting	Your Setting	Notes	Page Number	
Opr	SP1	Setpoint 1	SPL...SPH	60			34	
	SP2	Setpoint 2	SPL...SPH	0		Only if bin1 = 1		
	dSP	Setpoint shift	SPL...SPH	0		Only if bin1 = 2		
	InP1	Analog input 1	N/A	-		Cannot be edited here (just a display)		
	Y	Angular positioning	N/A	-		Cannot be edited here (just a display)		
PARA	Pb1	Proportional band	1...9999	10			40	
	dt	Derivative time	0...9999 sec	80				
	rt	Integral time	0...9999 sec	350				
	db	Dead band	0.0...999.9	1		RWF 50.2 only		
	tt	Controlling element running time	10...3000 sec	15		RWF 50.2 only		
	HYS1	Switch-on threshold	-1999...0.0	-5		Only if CACT = 1		
	HYS2	Switch-off threshold (stage II)	0.0...HYS3	3		Only if CACT = 1		
	HYS3	Switch-off threshold	0.0...9999	5		Only if CACT = 1		
	HYS4	Switch-on threshold	0.0...9999	5		Only if CACT = 0		
	HYS5	Switch-off threshold (stage II)	HYS6...0.0	-3		Only if CACT = 0		
	HYS6	Switch-off threshold	-1999...0.0	-5		Only if CACT = 0		
q	Response threshold	0.0...999.9	0			28		
ConF	InP	InP1	SEn1	Analog input 1 sensor type	1...19 →	1	1 = Pt-100 3-wire, 2 = Pt100 2-wire, 3 = Pt1000 3-wire, 4 = Pt1000 2-wire, 5 = Ni1000 3-wire, 6 = Ni1000 2-wire, 7 = 0-135 Ohm, 15 = 0-20 mA, 16 = 4-20 mA, 17 = DC 0-10 V, 18 = DC 0-5 V, 19 = DC 1-5 V	42
			OFF1	Analog input 1 correction (offset)	-1999...9999	0		
			SCL1	Analog input 1 scale low level	-1999...9999	0		
			SCH1	Analog input 1 scale high level	-1999...9999	100		
			dF1	Analog input 1 filter time constant	0.0...100.0 sec	0.6		
			Unit	Temperature units	1, 2	1		
	Cntr	CtYP	Controller type	1, 2	N/A		1 = 3-position (50.2 only), 2 = modulating (50.3 only)	43
		CACT	Operating action	0, 1	1		0 = cooling controller, 1 = heating controller	
		SPL	Setpoint low limit	-1999...9999	0			
		SPH	Setpoint high limit	-1999...9999	100			
		oLLo	Lower working range limit	-1999...9999	-1999			
	rAFC	FnCt	Thermal shock function	0, 1, 2	0		0 = disconnected, 1 = Kelvin/min, 2 = Kelvin/hour	44
		rASL	Ramp slope	0.0...999.9	0		Only appears if FnCt ≠ 0	
		toLP	Tolerance band ramp	2* HYS1 ...9999	0		Only appears if FnCt ≠ 0	
		rAL	Ramp limit value	0...250	0		Only appears if FnCt ≠ 0	
	OutP	FnCt	Analog output function	0, 1, 4	4		0 = no function, 1 = analog input 1, 4 = controller angular position	45
		SiGn	Analog output signal type	0, 1, 2	0		0 = 0-20 mA, 1 = 4-20 mA, 2 = DC 0-10 V	
		rOut	Value when input is out of range	0...101 %	0		Output percentage	
		OPnt	Re-transmit scale low	-1999...9999	0		Only if FnCt = 1	
		End	Re-transmit scale high	-1999...9999	100		Only if FnCt = 1	
binF	bin1	Binary input 1 function	0, 1, 2, 4	0		0 = no function, 1 = setpoint changeover, 2 = setpoint shift, 4 = operating mode changeover	46	
diSP	diSU	Upper display	0, 1, 4, 6, 7	1		0 = disconnected, 1 = analog input 1, 4 = controller angular position, 6 = setpoint, 7 = thermal shock end value	47	
	diSL	Lower display	0, 1, 4, 6, 7	6		0 = disconnected, 1 = analog input 1, 4 = controller angular position, 6 = setpoint, 7 = thermal shock end value		
	tout	Timeout	0...255 sec	180				
	dECP	Decimal places	0, 1, 2	0		0 = no decimal place, 1 = one decimal, 2 = two decimals		
	Code	Locking of levels	0, 1, 2, 3	0		0 = no lockout, 1 = configuration level, 2 = parameter and configuration level, 3 = keyboard lockout		