

MODEL	RANGE	SIZES	INPUT	PROCESS CONTROLLERS PID, ON / OFF	REF.
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Compact Controllers. PID. Autotuning. (24x48). °C HR% Bar mA V					
OS 24-PT	-100/+600°C -99.9/+600.0°C	48x24 x100	PT100 Ni100	Temperature Digital controller. PT 100, Ni100, J, K, S. Compact Size. 1 Display. 4 Digits. 1 Relay/Alarm of Control. ON/OFF, PID, Autotuning. Withdrawable Connection. IP65 Front panel. Power supply 230...90 V. (24 Vac/dc. optional). + Options.	13001
OS 24-J/K/S	0/+1600°C		J,K,S		
OS 24-MA	-999 / +7000 -99.9/+700.0		4...20 mA.	Digital Controller for Humidity, Pressure, Process. Compact Size. 1 Display. 4 Digits. 1Relay/Alarm of Control. ON/OFF, PID, Autotuning. Withdrawable Connection. IP65 Front panel. Power supply 230...90 V. (24 Vac/dc.optional). + Options.	13002
OS 24-V	-999 / +7000 -99.9/+700.0		0...10 Vdc.		
Options OS 24			24 Vac/dc.	Power supply 24 Vac/dc .	
			SSR	Switch from the Relay/Alarm to SSR 6 Vdc at the Voltage output.	1300A
			0...20 mA.	It is possible to convert the signal from 4..20 mA to 0..20 mA.	1300B



Digital Controllers. ON/OFF. PID. Neutral Zone. (48x48). °C HR% Bar mA (Copy-Key)						
OK 48-PT Substitute to OS 48-PT JKS	-199.9/+850.0°C	48x48 x115	PT100	Temperature Digital controller. PT 100. J, K, S Thermopar. 1 Display. 4 digits. 2 Relays/Alarms of Control, ON/OFF, PID, Softstart, Autotuning, Selftuning. Neutral Zone. IP65 Front panel. With connector for COPY-KEY device. Power supply 230 V + Options.	13003	
	0/+1000°C		Thermopar J			
	0/+1370°C		Thermopar K			
	0/+1760°C		Thermopar S			
OK 48-MA Substitute to OS 48-MA	-1999/+9999 -199.9/+999.9 -19.99/+99.99	48x48 x115	0/4...20 mA.	Digital Controller for Humidity, Pressure, Process. 1 Display. 4 digits. 2 Relays/Alarms of Control, ON/OFF, PID, Softstart, Autotuning, Selftuning. Neutral Zone. Additional 10 Vdc Output for passive probe IP65 Front panel. With connector for COPY-KEY device. Power supply 230 V + Options.	13004	
	OK 48-V Substitute to OS 48-V		-1999/+9999 -199.9/+999.9 -19.99/+99.99			0...1 Vdc. 0/1...5 Vdc. 0/2...10 Vdc.
Options OK 48				24 Vac.	Power supply 24 Vac.	1300C
				24 Vdc.	Power supply 24 Vdc.	1300D
				SSR	Switch from the Relay/Alarm to SSR 20 mA/14 Vdc at the Voltage output.	1300E



Digital Controllers. 2 Displays. ON/OFF. PID. Neutral Zone. (48x48). °C HR% Bar mA (Copy-Key)						
OK 482-PT	-199.9/+850.0°C	48x48 x115	PT100	Temperature Digital controller. PT 100. J, K, S Thermopar. 2 Displays. 4 digits. 2 Relays/Alarms of Control, ON/OFF, PID, Softstart, Autotuning, Selftuning. Neutral Zone. IP65 Front panel. With connector for COPY-KEY device. Power supply 230...100 Vac + Options.	13006	
	0/+1000°C		Thermopar J			
	0/+1370°C		Thermopar K			
	0/+1760°C		Thermopar S			
OK 482-MA	-1999/+9999 -199.9/+999.9 -19.99/+99.99	48x48 x115	0/4...20 mA.	Digital Controller for Humidity, Pressure, Process.. 2 Displays. 4 digits. 2 Relays/Alarms of Control, ON/OFF, PID, Softstart, Autotuning, Selftuning. Neutral Zone. Additional 10 Vdc Output for passive probe. IP65 Front panel. With connector for COPY-KEY device. Power supply 230...100 Vac + Options.	13007	
	OK 482-V		-1999/+9999 -199.9/+999.9 -19.99/+99.99			0...1 Vdc. 0/1...5 Vdc. 0/2...10 Vdc.
Options OK 482				24 Vac.	Power supply 24 Vac.	1300F
				24 Vdc.	Power supply 24 Vdc .	1300G
				SSR	Switch from the Relay/Alarm to SSR 20 mA/14 Vdc at the Voltage output.	1300H



Accessories OK 482 OK 48			COPY-KEY 03	Device to program the apparatus rapidly and without errors. Once the apparatus configured, easily transfer its parameters to another one.	13009
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MODEL	RANGE	SIZES	INPUT	PROCESS CONTROLLERS PID, ON / OFF	REF.
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**Digital Multi-Input Controllers. PID. Selftuning. High Accuracy. (48x48). °C HR% Bar mA V**

<b>OK 81-RR</b>	-1999/+9999 -199.9/+999.9 -19.99/+99.99	48x48 x115	Multi-input: NTC PTC PT100 J, K, S 0/4...20 mA. 0...1 Vdc. 0/1...5 Vdc. 0/2...10 Vdc.	Digital Multi-Input Controller; Temperature, Humidity, Pressure, Process. High Accuracy. 2 Relays/Alarms de Control enlargeable to 4 relays. ON/OFF, PID, Softstart, Autotuning, Selftuning. 2 Displays. IP65 Front panel. Additional 12 Vdc Output for passive probes Power supply 240...90 Vac (20...30 Vac/dc optional) + Options.	13010
<b>Options OK 81</b>			+2 Relays	2 Additional Output Relays/Alarms.	1300J
			SSR	Switch from the Relay/Alarm to SSR 20 mA/14 Vdc at the Voltage output.	1300K
			RS485	Communications via RS485, Softwares, PLCs.	1300L
			HB	Heater Breaker protection.	1300M
			2 Displays	Choice of 2 Displays. 4 Digits. real measure (at the top) and SET value (at the bottom)	Visualisation: 1300N



**Digital Controllers. Geared Valves. High Accuracy. (48x48). °C HR% Bar mA V**

<b>OK 83-RR</b>	-1999/+9999 -199.9/+999.9 -19.99/+99.99	48x48 x115	Multi-input: NTC PTC PT100 J, K, S, B, E, L, N, R, T, C 0/4...20 mA. 0...1 Vdc. 0/1...5 Vdc. 0/2...10 Vdc.	Digital Controller for Geared Valves. High Accuracy. Multi-Input. Temperature, Humidity, Pressure, Process. 2 Relays/Alarms of Control enlargeable to 4 relays. ON/OFF, PID, Autotuning, Selftuning. 2 Displays. IP65 Front panel. Power supply 240...90 Vac and 20...30 Vac/dc. + Options.	13011
<b>Options OK 83</b>			0/4...20mA.	Analog Output, by changing 1 Relay.	1300P
			0/2...10V	Analog Output, by changing 1 Relay.	1300Q
			+2 Relays	2 Additional Output Relays/Alarms.	1300R
			SSR	Switch from the Relay/Alarm to SSR 20 mA/14 Vdc at the Voltage output.	1300S
			RS485	Serial Communication + 1 Digital input.	1300T
			HB	Heater Breaker Protection.	1300U



<b>Accessories OK 83 OK 81</b>			COPY-KEY 03	Device to program the apparatus rapidly and without errors. Once the apparatus configured, easily transfer its parameters to another one.	13009
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**Digital Controllers. PID. Autotuning. (96x48). °C**

<b>OS 96-TRR</b>	-200/+1760°C -99.9/+850,0°C	96x48 x105	PT100 Ni100 J, K, S, T	Temperature Digital controller. Multi-input. 2 Relays/Alarms of Control. 24Vdc SSR Output, PID, Autotuning, ON/OFF. 2 Displays. IP65 Front panel. Power supply 230...90 Vac or 24 Vac/dc. + Options.	13012
<b>Options OS96</b>			Extra Relay	Additional Output Relays/Alarms. Max 4 relays on the controller.	1300V
			2x Alarms	Additional Output Alarms (2). Max 4 relays on the controller.	1300W
			SSR	Additional 24 Vdc SSR Output.	1300X



96x48 x110

**Digital Controllers. PID. Autotuning. Selftuning. High Accuracy. (96x48). °C HR% Bar mA V**

<b>OS 98-TRR</b>	-200/+1820°C -99.9/+999.9°C	96x48 x110	PT100 Ni100 J, K, S, T, B, E , N, R, L, U	Digital or Analog Controller of Temperature. High Precision Multi-input of 2 Relays/Alarms of Control enlargeable to 5 Relays. ON/OFF, 2xPID, Autotuning, Selftuning. 2 Displays. IP65 Front panel. Power supply 230...90 Vac or 24Vac/dc + Options.	13013
<b>OS 98-MARR</b>	-999/+9999 -99.9/+999.9 -9.99/+99.99 -9.99/+9.999		0/4-20 mA.		13014
<b>Options OS 98</b>			+1/2/3x Relays	Additional Output Relays/Alarms	1300Y
			0/4...20mA.	Analog Output, by changing 1 Relay.	1300Z
			0/2...10V	Analog Output, by changing 1 Relay.	1300ZA
			SSR	Switch from 1/2 Relays/Alarms to SSR 24 Vdc at the Voltage output.	1300ZB
			RS485	Communications via RS485, Softwares, PLCs.	1300ZC
			HB	Heater Breaker protection.	1300ZD
			sets	It is possible to select 3 different sets by external selector	1300ZE



96x48 x110

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**Digital Controllers. Geared Valves. High Accuracy. (96x48). °C HR% Bar mA**

OS 98-TVMRR	-999/ +9999	96x48 x110	PT100 Ni100 J, K, S, T, B, E , N, R, L, U	Digital Controller for Geared Valves. High Accuracy. Specify Input. 2 Relays/Alarms of Control. ON/OFF, 2xPID, Autotuning, Selftuning. 2 Displays. IP65 Front panel + Options. Power supply 240...90 or 48...24V	13015
OS 98-IVMRR	-999/ +9999		0/4-20 mA.		13016
Options OS 98			+1/2/3x Relays	Additional Output Relays/Alarms	1300Y
			0/4...20mA.	Analog Regulation Output, instead of 1 Relay.	1300Z
			0/2...10V	Analog Regulation Output, instead of 1 Relay.	1300ZA
			SSR	Switch from 1/2x Relays/Alarms to Voltage Output SSR 24 Vdc.	1300ZB
			RS485	RS485 Communication Output, Softwares, PLCs.	1300ZC
			HB	Heater Breaker Protection.	1300ZD
			sets	Possibility to choose among 3 different sets using external toggle switch	1300ZE



**Digital Controllers. MULTISTEPS. (48x48) and (96x48). °C HR% Bar mA V**

OS482-Eco RAMP	-999/ +9999	48x48		Digital Controller for Process and Steps. Possibility to connect until 24 Steps or 3 programs of 8 Steps or 1 program of 16 Steps and 1 of 8. PID regulation, ON/OFF, Neutral Zone. High Accuracy (+/- 0.5%). IP54 Front panel. 2 Relays/Alarms of Control. ON/OFF, 2xPID, Autotuning. 2 Displays. Power supply 230 Vac.	13017
OS98 RAMP	-999/ +9999	96x48	PT100 Ni100 J, K, S, T 0/4-20 mA. 0/1 -10V	Multiconfiguration Digital Controller for Process and Steps. Possibility to connect until 24 Steps or 3 programs of 8 Steps or 1 program of 16 Steps and 1 of 8. PID regulation, ON/OFF, Neutral Zone. High Accuracy (+/- 0.5%). IP54 Front panel. 2 Relays/Alarms of Control. ON/OFF, 2xPID, Autotuning. 2 Displays. Power supply 230 Vac.	13018

