

PLC



&



Controllers

**Product Selection List
November 2021**

GENO[®]

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AR2 SMART RELAY / PLC FAMILY

AR2-A; Rail Mount Smart Relay / PLC Programmable with Ladder Logic

2x16 LCD Screen, extendable, rail mount smart relay / PLC,
programmable with GUI "Gemo Ladder Editor"



Product Code	Type	Power Supply	Extendable	2x16 LCD Panel	Discrete Input	Analog Input	Discrete Output	Real Time Clock	PTC Input	Price
AR2-A-24VDC-14D	CPU	18..32Vdc	✓	✓	14	✗	10xRelay	✗	✓	*
AR2-A-24VDC-14D-RTC	CPU	18..32Vdc	✓	✓	14	✗	10xRelay	✓	✓	*
AR2-A-24VDC-14D-TR	CPU	18..32Vdc	✓	✓	14	✗	10xTransistor	✗	✓	*
AR2-A-24VDC-14D-TR-RTC	CPU	18..32Vdc	✓	✓	14	✗	10xTransistor	✓	✓	*
AR2-A-24VDC-12D2A	CPU	18..32Vdc	✓	✓	12	2x10Vdc	10xRelay	✗	✓	*
AR2-A-24VDC-12D2A-RTC	CPU	18..32Vdc	✓	✓	12	2x10Vdc	10xRelay	✓	✓	*
AR2-A-24VDC-12D2A-TR	CPU	18..32Vdc	✓	✓	12	2x10Vdc	10xTransistor	✗	✓	*
AR2-A-24VDC-12D2A-TR-RTC	CPU	18..32Vdc	✓	✓	12	2x10Vdc	10xTransistor	✓	✓	*
AR2-A-230VAC-14D	CPU	100..240Vac	✓	✓	14	✗	10xRelay	✗	✓	*
AR2-A-230VAC-14D-RTC	CPU	100..240Vac	✓	✓	14	✗	10xRelay	✓	✓	*
AR2-A-230VAC-12D2A	CPU	100..240Vac	✓	✓	12	2x10Vdc	10xRelay	✗	✓	*
AR2-A-230VAC-12D2A-RTC	CPU	100..240Vac	✓	✓	12	2x10Vdc	10xRelay	✓	✓	*

AR2-P; Panel Mount Smart Relay / PLC Programmable with Ladder Logic

2x16 LCD Screen, extendable, rail mount smart relay / PLC,
programmable with GUI "Gemo Ladder Editor", Panel Size; 96mm X 96mm



Product Code	Type	Power Supply	Extendable	2x16 LCD Panel	Discrete Input	Analog Input	Discrete Output	Real Time Clock	PTC Input	Price
AR2-P-24VDC-10D2A	CPU	18..32Vdc	✓	✓	10	2x10Vdc	7xRelay	✗	✓	*
AR2-P-24VDC-10D2A-RTC	CPU	18..32Vdc	✓	✓	10	2x10Vdc	7xRelay	✓	✓	*
AR2-P-230VAC-10D2A	CPU	100..240Vac	✓	✓	10	2x10Vdc	7xRelay	✗	✓	*
AR2-P-230VAC-10D2A-RTC	CPU	100..240Vac	✓	✓	10	2x10Vdc	7xRelay	✓	✓	*

AR2-A-8D; Rail Mount Smart Relay / PLC Programmable with Ladder Logic

2x16 LCD Screen, rail mount smart relay / PLC,
programmable with GUI "Gemo Ladder Editor"



Product Code	Type	Power Supply	Extendable	2x16 LCD Panel	Discrete Input	Analog Input	Discrete Output	Real Time Clock	PTC Input	Price
AR2-A-24VDC-8D	CPU	18..32Vdc	✗	✓	8	✗	5xRelay	✗	✓	*
AR2-A-24VDC-8D-RTC	CPU	18..32Vdc	✗	✓	8	✗	5xRelay	✓	✓	*
AR2-A-230VAC-8D	CPU	100..240Vac	✗	✓	8	✗	5xRelay	✗	✓	*
AR2-A-230VAC-8D-RTC	CPU	100..240Vac	✗	✓	8	✗	5xRelay	✓	✓	*

AR2 SMART RELAY / PLC FAMILY (Continued)

AR2-G1; Rail Mount Extension Module for AR2

Extension Module for AR2-A-14D, AR2-A-12D2A and AR2-P family



Product Code	Type	Power Supply	Led Panel	Discrete Input	Analog Input	Discrete Output	PTC Input	Compatible with	Price
AR2-G1-24VDC-14D	Extension	18..32Vdc	✓	14	X	10xRelay	✓	AR2-A-14D, AR2-A-12D2A, AR2-P	*
AR2-G1-24VDC-14D-TR	Extension	18..32Vdc	✓	14	X	10xTransistor	✓	AR2-A-14D, AR2-A-12D2A, AR2-P	*
AR2-G1-24VDC-12D2A	Extension	18..32Vdc	✓	12	2x10Vdc	10xRelay	✓	AR2-A-14D, AR2-A-12D2A, AR2-P	*
AR2-G1-24VDC-12D2A-TR	Extension	18..32Vdc	✓	12	2x10Vdc	10xTransistor	✓	AR2-A-14D, AR2-A-12D2A, AR2-P	*
AR2-G1-230VAC-14D	Extension	100..240Vac	✓	14	X	10xRelay	✓	AR2-A-14D, AR2-A-12D2A, AR2-P	*
AR2-G1-230VAC-12D2A	Extension	100..240Vac	✓	12	2x10Vdc	10xRelay	✓	AR2-A-14D, AR2-A-12D2A, AR2-P	*

AR2-S-24VDC-MB1; MODBUS Gateway for AR2

Modbus Gateway for AR2-A-14D, AR2-A-12D2A and AR2-P family



Product Code	Type	Power Supply	Led Panel	Compatible with	Price
AR2-S-24VDC-MB1	Gateway	18..32Vdc	✓	AR2-A-14D, AR2-A-12D2A, AR2-P	*

AR1 SMART RELAY / PLC (Not Recommended for New Projects)

AR1-A; Rail Mount Smart Relay / PLC Programmable with Ladder Logic

2x16 LCD Screen, rail mount smart relay / PLC programmable with GUI "Gemo Ladder Editor (V1.1)"



Product Code	Type	Power Supply	Extendable	2x16 LCD Panel	Discrete Input	Analog Input	Discrete output	Real Time Clock	PTC Input	Price
AR1-A-24VDC	CPU	18..32Vdc	X	✓	12	X	8xRelay	X	X	*
AR1-A-230VAC	CPU	150..240Vac	X	✓	12	X	8xRelay	X	X	*

"AUTO-TUNE PID" TEMPERATURE STEP CONTROLLER

PC109;

"Auto-tune PID" Temperature Step Controller

Temperature Step Controller, 0..600/1300/1750°C, Multi-Input (J,K,S,Pt100), ON/OFF or PID (Auto-tune), "Offset" feature, Alarm output, optional SSR output, 20 steps, Power Failure Recovery Feature



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
PC109-24V-R	96x96	18..32Vdc / 14..28Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,Pt100	*
PC109-24V-S	96x96	18..32Vdc / 14..28Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,Pt100	*
PC109-230VAC-R	96x96	100..240Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,Pt100	*
PC109-230VAC-S	96x96	100..240Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,Pt100	*

PC107;

"Auto-tune PID" Temperature Step Controller

Temperature Step Controller, 0..600/1300/1750°C, Multi-Input (J,K,S,Pt100), ON/OFF or PID (Auto-tune), "Offset" feature, Alarm output, optional SSR output, 20 steps, Power Failure Recovery Feature



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
PC107-24V-R	72x72	18..32Vdc / 14..28Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,Pt100	*
PC107-24V-S	72x72	18..32Vdc / 14..28Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,Pt100	*
PC107-230VAC-R	72x72	100..240Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,Pt100	*
PC107-230VAC-S	72x72	100..240Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,Pt100	*

AUTO-TUNE PID TEMPERATURE CONTROLLERS with BUILT-IN TIMER

TT109;

Auto-tune PID Temperature Controller with Built-in Timer

Temperature Controller with Built-in Timer; -100..600/1300/1750°C,
Multi-Input (J,K,S,R,T, Pt100), 0.1°C resolution (Pt100),
ON/OFF , P, PI, PD, PID (Auto-tune), Offset feature, Alarm and Heat outputs,
99:59 hour Timer, Alarm out auto-shut off (max. 99:59 min),
selectable Heat OFF with Alarm ON, optional SSR output



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
TT109A-24V-R	96x96	18..32Vdc / 14..28Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT109A-24V-S	96x96	18..32Vdc / 14..28Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT109A-230VAC-R	96x96	100..240Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT109A-230VAC-R-S	96x96	100..240Vac	Auto Tune PID / On-Off	Relay	SSR	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT109A-230VAC-S	96x96	100..240Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT109A-230VAC-S-S	96x96	100..240Vac	Auto Tune PID / On-Off	SSR	SSR	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*

TT107;

Auto-tune PID Temperature Controller with Built-in Timer

Temperature Controller with Built-in Timer; -100..600/1300/1750°C,
Multi-Input (J,K,S,R,T, Pt100), 0.1°C resolution (Pt100),
ON/OFF , P, PI, PD, PID (Auto-tune), Offset feature, Alarm and Heat outputs,
99:59 hour Timer, Alarm out auto-shut off (max. 99:59 min),
selectable Heat OFF with Alarm ON, optional SSR output



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
TT107-24V-R	72x72	18..32Vdc / 14..28Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT107-24V-R-S	72x72	18..32Vdc / 14..28Vac	Auto Tune PID / On-Off	Relay	SSR	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT107A-24V-S	72x72	18..32Vdc / 14..28Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT107A-24V-S-S	72x72	18..32Vdc / 14..28Vac	Auto Tune PID / On-Off	SSR	SSR	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT107-230VAC-R	72x72	100..240Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT107-230VAC-R-S	72x72	100..240Vac	Auto Tune PID / On-Off	Relay	SSR	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT107-230VAC-S	72x72	100..240Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT107-230VAC-S-S	72x72	100..240Vac	Auto Tune PID / On-Off	SSR	SSR	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*

TT104;

Auto-tune PID Temperature Controller with Built-in Timer

Temperature Controller with Built-in Timer; -100..600/1300/1750°C,
Multi-Input (J,K,S,R,T, Pt100), 0.1°C resolution (Pt100),
ON/OFF , P, PI, PD, PID (Auto-tune), Offset feature, Alarm and Heat outputs,
99:59 hour Timer, Alarm out auto-shut off (max. 99:59 min),
selectable Heat OFF with Alarm ON, optional SSR output



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
TT104-24V-R	48x48	18..32Vdc / 14..28Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT104-24V-R-S	48x48	18..32Vdc / 14..28Vac	Auto Tune PID / On-Off	Relay	SSR	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT104A-24V-S	48x48	18..32Vdc / 14..28Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT104A-24V-S-S	48x48	18..32Vdc / 14..28Vac	Auto Tune PID / On-Off	SSR	SSR	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT104-230VAC-R	48x48	100..240Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT104-230VAC-R-S	48x48	100..240Vac	Auto Tune PID / On-Off	Relay	SSR	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT104-230VAC-S	48x48	100..240Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
TT104-230VAC-S-S	48x48	100..240Vac	Auto Tune PID / On-Off	SSR	SSR	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*

"AUTO-TUNE PID" TEMPERATURE CONTROLLERS

DTH9;

Low Cost Auto-tune PID Temperature Controller

DTH9 is a low cost optimized Auto-tune PID temperature control device with only control output and with only heating function.

Control output may be relay or SSR or Relay+SSR at the same time – selectable. DTH9 has a fast and enhanced PID control algorithm suitable for applications like "hot runner" and etc.

Sensor type: T/C (J,K,T,S,R), Pt100, selectable, multi-input
Selectable 0.1 °C resolution for J,K,T and Pt100
Minimum 1 second PID control period, Ramping after power on (soft-start) ,
SET display can be set to ON or OFF
ON/OFF , P, PI, PD, PID (Auto-tune),
Heating Function only, Offset feature



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
DTH9-24V	96x96	20..32Vdc / 14..28Vac	Auto Tune PID / On-Off	Relay+SSR	X	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
DTH9-230VAC	96x96	100..240Vac	Auto Tune PID / On-Off	Relay+SSR	X	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*

DTH7;

Low Cost Auto-tune PID Temperature Controller

DTH7 is a low cost optimized Auto-tune PID temperature control device with only control output and with only heating function.

Control output may be relay or SSR or Relay+SSR at the same time – selectable. DTH7 has a fast and enhanced PID control algorithm suitable for applications like "hot runner" and etc.

Sensor type: T/C (J,K,T,S,R), Pt100, selectable, multi-input
Selectable 0.1 °C resolution for J,K,T and Pt100
Minimum 1 second PID control period, Ramping after power on (soft-start) ,
SET display can be set to ON or OFF
ON/OFF , P, PI, PD, PID (Auto-tune),
Heating Function only, Offset feature



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
DTH7-24V	72x72	20..32Vdc / 14..28Vac	Auto Tune PID / On-Off	Relay+SSR	X	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
DTH7-230VAC	72x72	100..240Vac	Auto Tune PID / On-Off	Relay+SSR	X	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*

DTH4;

Low Cost Auto-tune PID Temperature Controller

DTH4 is a low cost optimized Auto-tune PID temperature control device with only control output and with only heating function.

Control output may be relay or SSR or Relay+SSR at the same time – selectable. DTH4 has a fast and enhanced PID control algorithm suitable for applications like "hot runner" and etc.

Sensor type: T/C (J,K,T,S,R), Pt100, selectable, multi-input
Selectable 0.1 °C resolution for J,K,T and Pt100
Minimum 1 second PID control period, Ramping after power on (soft-start) ,
SET display can be set to ON or OFF
ON/OFF , P, PI, PD, PID (Auto-tune),
Heating Function only, Offset feature



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
DTH4-24V	48x48	20..32Vdc / 14..28Vac	Auto Tune PID / On-Off	Relay+SSR	X	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
DTH4-230VAC	48x48	100..240Vac	Auto Tune PID / On-Off	Relay+SSR	X	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*

"AUTO-TUNE PID" TEMPERATURE CONTROLLERS (Continued)

DT109AX;

Enhanced "Auto-tune PID" Temperature Controller

DT109AX is the enhanced version of DT109A device.

DT109AX has faster and enhanced PID control algorithm for applications like "hot runner" and etc.

Selectable 0.1 °C resolution for J,K,T and Pt100, Minimum 1 second PID control period,
Selectable relative, absolute, band or sensor failure alarm,
Ramping after power on (soft-start) ,SET display can be set to ON or OFF
Multi-Input (J,K,S,R,T, Pt100),ON/OFF , P, PI, PD, PID (Auto-tune),
Heating/Cooling Function, Offset feature, Alarm and Heat outputs,
Delay timer for cooling function, optional SSR output.



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
DT109AX-24V-R	96x96	20..32Vdc / 14..28Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
DT109AX-24V-S	96x96	20..32Vdc / 14..28Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
DT109AX-230VAC-R	96x96	100..240Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
DT109AX-230VAC-S	96x96	100..240Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*

DT107AX;

Enhanced "Auto-tune PID" Temperature Controller

DT107AX is the enhanced version of DT107A device.

DT107AX has faster and enhanced PID control algorithm for applications like "hot runner" and etc.

Selectable 0.1 °C resolution for J,K,T and Pt100, Minimum 1 second PID control period,
Selectable relative, absolute, band or sensor failure alarm,
Ramping after power on (soft-start) ,SET display can be set to ON or OFF
Multi-Input (J,K,S,R,T, Pt100),ON/OFF , P, PI, PD, PID (Auto-tune),
Heating/Cooling Function, Offset feature, Alarm and Heat outputs,
Delay timer for cooling function, optional SSR output.



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
DT107AX-24V-R	72x72	20..32Vdc / 14..28Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
DT107AX-24V-S	72x72	20..32Vdc / 14..28Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
DT107AX-230VAC-R	72x72	100..240Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
DT107AX-230VAC-S	72x72	100..240Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
DT107AX-230VAC-S-S	72x72	100..240Vac	Auto Tune PID / On-Off	SSR	SSR	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*

DT104AX;

Enhanced "Auto-tune PID" Temperature Controller

DT104AX is the enhanced version of DT104A device.

DT104AX has faster and enhanced PID control algorithm for applications like "hot runner" and etc.

Selectable 0.1 °C resolution for J,K,T and Pt100 Minimum 1 second PID control period,
Selectable relative, absolute, band or sensor failure alarm,
Ramping after power on (soft-start) , SET display can be set to ON or OFF
Multi-Input (J,K,S,R,T, Pt100), ON/OFF , P, PI, PD, PID (Auto-tune),
Heating/Cooling Function, Offset feature, Alarm and Heat outputs,
Delay timer for cooling function, optional SSR output.



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
DT104AX-24V-R	48x48	20..32Vdc / 14..28Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
DT104AX-24V-S	48x48	20..32Vdc / 14..28Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
DT104AX-230VAC-R	48x48	100..240Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
DT104AX-230VAC-S	48x48	100..240Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
DT104AX-230VAC-S-S	48x48	100..240Vac	Auto Tune PID / On-Off	SSR	SSR	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*

"AUTO-TUNE PID" TEMPERATURE CONTROLLERS (Continued)

DT106A; "Auto-tune PID" Temperature Controller

Temperature Controller; -100..600/1300/1750°C, Multi-Input (J,K,S,R,T, Pt100), 0.1°C resolution (Pt100), ON/OFF , P, PI, PD, PID (Auto-tune), Heating/Cooling Function, Offset feature, Alarm and Heat outputs, absolute, relative or band alarm (user selectable), Delay timer for cooling function, optional SSR output.



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
DT106A-230VAC-R	96x48	100..240Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
DT106A-230VAC-S	96x48	100..240Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*

DT105A; "Auto-tune PID" Temperature Controller

Temperature Controller; -100..600/1300/1750°C, Multi-Input (J,K,S,R,T, Pt100), 0.1°C resolution (Pt100), ON/OFF , P, PI, PD, PID (Auto-tune), Heating/Cooling Function, Offset feature, Alarm and Heat outputs, absolute, relative or band alarm (user selectable), Delay timer for cooling function, optional SSR output.



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
DT105A-230VAC-R	48x96	100..240Vac	Auto Tune PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*
DT105A-230VAC-S	48x96	100..240Vac	Auto Tune PID / On-Off	SSR	Relay	2x4 Digits, PV and SV	J,K,S,R,T,Pt100	*

ON/OFF TEMPERATURE CONTROLLERS

DT900; ON/OFF Temperature Controller

Digital Temp. Controller, ON/OFF control form, 0..600 °C Fe-Const (J-type) or 0..999 °C NiCr-Ni (K-Type), 7 segment display, single output, programmable hysteresis and upper limit



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
DT900-24V-R	96x96	18..32Vdc / 14..28Vac	On-Off	Relay	X	1x3 Digits, PV	J Type	*
DT900-230VAC-R	96x96	100..240Vac	On-Off	Relay	X	1x3 Digits, PV	J Type	*
DT900-230VAC-S	96x96	100..240Vac	On-Off	SSR	X	1x3 Digits, PV	J Type	*
DT900-230VAC-R-K	96x96	100..240Vac	On-Off	Relay	X	1x3 Digits, PV	K Type	*

DT721; ON/OFF Temperature Controller

Digital Temp. Controller, ON/OFF control form, 0..600 °C Fe-Const (J-type) or 0..999 °C NiCr-Ni (K-Type), 7 segment display, single output, programmable hysteresis and upper limit



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
DT721-24V-R	72x72	18..32Vdc / 14..28Vac	On-Off	Relay	X	1x3 Digits, PV	J Type	*
DT721-230VAC-R	72x72	100..240Vac	On-Off	Relay	X	1x3 Digits, PV	J Type	*
DT721-230VAC-S	72x72	100..240Vac	On-Off	SSR	X	1x3 Digits, PV	J Type	*
DT721-230VAC-R-K	72x72	100..240Vac	On-Off	Relay	X	1x3 Digits, PV	K Type	*

DT481; ON/OFF Temperature Controller

Digital Temp. Controller, ON/OFF control form, 0..600 °C Fe-Const (J-type) or 0..999 °C NiCr-Ni (K-Type), 7 segment display, single output, programmable hysteresis and upper limit



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
DT481-24V-R	48x48	18..32Vdc / 14..28Vac	On-Off	Relay	X	1x3 Digits, PV	J Type	*
DT481-24V-S	48x48	18..32Vdc / 14..28Vac	On-Off	SSR	X	1x3 Digits, PV	J Type	*
DT481-230VAC-R	48x48	100..240Vac	On-Off	Relay	X	1x3 Digits, PV	J Type	*
DT481-230VAC-S	48x48	100..240Vac	On-Off	SSR	X	1x3 Digits, PV	J Type	*
DT481-230VAC-R-K	48x48	100..240Vac	On-Off	Relay	X	1x3 Digits, PV	K Type	*

ON/OFF TEMPERATURE CONTROLLERS (Continued)

LT102J / LT102K; ON/OFF Temperature Controller

Digital Temperature Controller, ON/OFF control form, 0..600 °C Fe-Const (J-type) or 0..999 °C NiCr-Ni (K-Type), 7 segment display, single output, programmable hysteresis and upper limit



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
LT102J-230VAC-R	35x77	100..240Vac	On-Off	Relay	X	1x3 Digits, PV	J Type	*
LT102K-230VAC-R	35x77	100..240Vac	On-Off	Relay	X	1x3 Digits, PV	K Type	*

AT961; ON/OFF Temperature Controller with Analog SET

Temperature Controller with Digital Display and Analogue SET, 0..400°C, Fe-Const input, ON/OFF or Proportional control (user selectable)



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
AT961-230VAC-R	96x96	100..240Vac	On-Off	Relay	X	1x3 Digits, PV	J Type	*

DT961; ON/OFF Temperature Controller

Digital Temperature Controller, Fixed Hysteresis (3 °C), T/C J Type (Fe-Const) input, ON-OFF control form



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
DT961-230VAC-R	96x96	100..240Vac	On-Off	Relay	X	2x4 Digits, PV and SV	J Type	*

UNIVERSAL CONTROLLERS

UC107; Universal Controller

Universal controller with; 0..20mA / 4..20mA / 0-10V / 0-1V input (user selectable), ON/OFF output, user calibration, user selectable decimal point, double output, optional SSR output



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
UC107-24V-R	72x72	18..32Vdc / 14..28Vac	On-Off	Relay	Relay	2x4 Digits, PV and SV	0-20mA, 4-20mA, 0-10V, 0-1V	*
UC107-24V-S	72x72	18..32Vdc / 14..28Vac	On-Off	SSR	Relay	2x4 Digits, PV and SV	0-20mA, 4-20mA, 0-10V, 0-1V	*
UC107-230VAC-R	72x72	100..240Vac	On-Off	Relay	Relay	2x4 Digits, PV and SV	0-20mA, 4-20mA, 0-10V, 0-1V	*
UC107-230VAC-S	72x72	100..240Vac	On-Off	SSR	Relay	2x4 Digits, PV and SV	0-20mA, 4-20mA, 0-10V, 0-1V	*

UC104; Universal Controller

Universal controller with; 0..20mA / 4..20mA / 0-10V / 0-1V input (user selectable), ON/OFF output, user calibration, user selectable decimal point, double output, optional SSR output



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
UC104-24V-R	48x48	18..32Vdc / 14..28Vac	On-Off	Relay	Relay	2x4 Digits, PV and SV	0-20mA, 4-20mA, 0-10V, 0-1V	*
UC104-24V-S	48x48	18..32Vdc / 14..28Vac	On-Off	SSR	Relay	2x4 Digits, PV and SV	0-20mA, 4-20mA, 0-10V, 0-1V	*
UC104-230VAC-R	48x48	100..240Vac	On-Off	Relay	Relay	2x4 Digits, PV and SV	0-20mA, 4-20mA, 0-10V, 0-1V	*
UC104-230VAC-S	48x48	100..240Vac	On-Off	SSR	Relay	2x4 Digits, PV and SV	0-20mA, 4-20mA, 0-10V, 0-1V	*

COUNTERS

DS217A; 6 Digit Up/Down Counter

Preset Up/Down Counter; Double Preset, Double Output, CP1, CP2, RESET inputs, switch, proximity or encoder input (NPN/PNP/Totem Pole), double display, 6 digits, calibration constant, SS outputs

Product Code	Panel Size (mm)	Power Supply	Display	Relay Output	SS Output	Price
DS217A-24V	72x72	18..32Vdc / 14..28Vac	2x6 Digits, PV and SV	2	2	*
DS217A-230VAC	72x72	100..240Vac	2x6 Digits, PV and SV	2	2	*



DS207; 4 Digit Up/Down Counter

Preset Up/Down Counter; Double Preset, Double Output, CP1, CP2, RESET inputs, switch, proximity or encoder input (NPN/PNP/Totem Pole), double display, 4 digits, calibration constant, SS outputs

Product Code	Panel Size (mm)	Power Supply	Display	Relay Output	SS Output	Price
DS207-24V	72x72	18..32Vdc / 14..28Vac	2x4 Digits, PV and SV	2	2	*
DS207-230VAC	72x72	100..240Vac	2x4 Digits, PV and SV	2	2	*



DS204; 4 Digit Up/Down Counter

Preset Up/Down Counter; Single Preset, Single Output, CP1, CP2, RESET inputs, switch, proximity or encoder input (NPN/PNP/Totem Pole), double display, 4 digits, calibration constant, SS output

Product Code	Panel Size (mm)	Power Supply	Display	Relay Output	SS Output	Price
DS204-24V	48x48	18..32Vdc / 14..28Vac	2x4 Digits, PV and SV	1	1	*
DS204-230VAC	48x48	100..240Vac	2x4 Digits, PV and SV	1	1	*



MULTI FUNCTION TIMERS

DZ309; **Multi Function Timer**

Digital Timer; Double Output, Double Display, 4 digits, START, RESET, GATE inputs (all inputs 230VAC), user selectable Out modes, Programmable in range 0.1sec ... 99 hours, remembers last time count after Power On.



Product Code	Panel Size (mm)	Power Supply	Display	Function	Relay Output	Start Input	Reset Input	Gate Input	Price
DZ309-24V	96x96	18..32Vdc / 14..28Vac	2x4 Digits, PV and SV	Multi Function (8 Modes)	2	✓	✓	✓	*
DZ309-230VAC	96x96	100..240Vac	2x4 Digits, PV and SV	Multi Function (8 Modes)	2	✓	✓	✓	*

DZ307; **Multi Function Timer**

Digital Timer; Double Output, Double Display, 4 digits, START, RESET, GATE inputs (all inputs 24VDC, switch, proximity–PNP/Totem Pole), user selectable Out modes, Programmable in range 0.1sec ... 99hours, remembers last time count after Power On, SS Outs.



Product Code	Panel Size (mm)	Power Supply	Display	Function	Relay Output	Start Input	Reset Input	Gate Input	Price
DZ307-24V	72x72	18..32Vdc / 14..28Vac	2x4 Digits, PV and SV	Multi Function (8 Modes)	2	✓	✓	✓	*
DZ307-230VAC	72x72	100..240Vac	2x4 Digits, PV and SV	Multi Function (8 Modes)	2	✓	✓	✓	*

DZ304; **Multi Function Timer**

Digital Timer; Single Output, Double Display, 4 digits, START, RESET, GATE inputs (all inputs 24VDC, switch, proximity–PNP/Totem Pole), user selectable Out modes, Programmable in range 0.1sec ... 99hours, remembers last time count after Power On, SS Out.



Product Code	Panel Size (mm)	Power Supply	Display	Function	Relay Output	Start Input	Reset Input	Gate Input	Price
DZ304-24V	48x48	18..32Vdc / 14..28Vac	2x4 Digits, PV and SV	Multi Function (13 Modes)	1	✓	✓	✓	*
DZ304-230VAC	48x48	100..240Vac	2x4 Digits, PV and SV	Multi Function (13 Modes)	1	✓	✓	✓	*

BASIC FUNCTION TIMERS

DZ900; **Basic Function Timer**

Digital Timer with Instantaneous and Delayed output (double outputs),
99.9sec/999sec/99.9min/999min.(selectable),7 segment display, Selectable Flashing mode



Product Code	Panel Size (mm)	Power Supply	Display	Function	Relay Output	Start Input	Reset Input	Gate Input	Price
DZ900-230VAC	96x96	100..240Vac	1x3 Digits, PV	On Delay / Flashing	2	X	X	X	*

DZ721; **Basic Function Timer**

Digital Timer with Instantaneous and Delayed output (double outputs),
99.9sec/999sec/99.9min/999min.(selectable),7 segment display, Selectable Flashing mode



Product Code	Panel Size (mm)	Power Supply	Display	Function	Relay Output	Start Input	Reset Input	Gate Input	Price
DZ721-230VAC	72x72	100..240Vac	1x3 Digits, PV	On Delay / Flashing	2	X	X	X	*

DZ481; **Basic Function Timer**

Digital Timer with Instantaneous and Delayed output (double outputs),
99.9sec/999sec/99.9min/999min.(selectable),7 segment display, Selectable Flashing mode



Product Code	Panel Size (mm)	Power Supply	Display	Function	Relay Output	Start Input	Reset Input	Gate Input	Price
DZ481-24VDC	48x48	18..32Vdc	1x3 Digits PV	On Delay / Flashing	2	X	X	X	*
DZ481-230VAC	48x48	100..240Vac	1x3 Digits, PV	On Delay / Flashing	2	X	X	X	*

DZ482; **DZ482; Basic Function Timer with START Input**

Digital Timer with Instantaneous and Delayed output (double outputs),
99.9sec/999sec/99.9min/999min.(selectable),7 segment display, Selectable Flashing mode,
with START input



Product Code	Panel Size (mm)	Power Supply	Display	Function	Relay Output	Start Input	Reset Input	Gate Input	Price
DZ482-24VDC	48x48	18..32Vdc	1x3 Digits, PV	On Delay / Flashing	2	✓	X	X	*
DZ482-230VAC	48x48	100..240Vac	1x3 Digits, PV	On Delay / Flashing	2	✓	X	X	*

BASIC FUNCTION TIMERS (Continued)

AZ961; **Basic Function Timer with Analog SET**

Timer with Digital Display and Analogue SET; Single Output, RESET input, 4.0sec/40sec/4.0min/40min. (user selectable)



Product Code	Panel Size (mm)	Power Supply	Display	Function	Relay Output	Start Input	Reset Input	Gate Input	Price
AZ961-230VAC	96x96	100..240Vac	1x3 Digits, PV	On Delay	2	X	✓	X	*

DZ961; **Basic Function Timer**

Digital On Delay Timer (99 minutes), with RESET input



Product Code	Panel Size (mm)	Power Supply	Display	Function	Relay Output	Start Input	Reset Input	Gate Input	Price
DZ961-230VAC	96x96	100..240Vac	2x4 Digits, PV and SV	On Delay	2	X	✓	X	*

DEVICES in 36x72mm ENCLOSURE

LT172;

ON/OFF Temperature Controller with Heating & Cooling Function

Temperature Controller; -30..+150°C, NTC sensor input, ON/OFF, Heating/Cooling Function, Offset feature, Alarm and Heat outputs, absolute, relative or sensor failure alarm options, Delay timer for cooling function, Adjustable Heat output in case of sensor failure



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Scale	Price
LT172-12VDC-R	36x72	10..16Vdc	On-Off	Relay	Relay	1x3 Digits, PV	NTC	-50°C...+150°C	*
LT172-24VDC-R	36x72	18..32Vdc	On-Off	Relay	Relay	1x3 Digits, PV	NTC	-50°C...+150°C	*
LT172-230VAC-R	36x72	100..240Vac	On-Off	Relay	Relay	1x3 Digits, PV	NTC	-50°C...+150°C	*

LT172N;

ON/OFF Temperature Controller with Heating & Cooling Function

Temperature Controller; -19.9..+99.9°C, NTC sensor input, ON/OFF, Heating/Cooling Function, Offset feature, Alarm and Heat outputs, absolute, relative or sensor failure alarm options, Delay timer for cooling function, Adjustable Heat output in case of sensor failure



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Scale	Price
LT172N-12VDC-R	36x72	10..16Vdc	On-Off	Relay	Relay	1x3 Digits, PV	NTC	-19.9°C...+99.9°C	*
LT172N-24VDC-R	36x72	18..32Vdc	On-Off	Relay	Relay	1x3 Digits, PV	NTC	-19.9°C...+99.9°C	*
LT172N-230VAC-R	36x72	100..240Vac	On-Off	Relay	Relay	1x3 Digits, PV	NTC	-19.9°C...+99.9°C	*

DEVICES in 35x77mm ENCLOSURE

LT102J / LT102K; ON/OFF Temperature Controller

Digital Temperature Controller, ON/OFF control form, 0..600 °C Fe-Const (J-type) or 0..999 °C NiCr-Ni (K-Type), 7 segment display, single output, programmable hysteresis and upper limit



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
LT102J-230VAC-R	35x77	100..240Vac	On-Off	Relay	X	1x3 Digits, PV	J Type	*
LT102K-230VAC-R	35x77	100..240Vac	On-Off	Relay	X	1x3 Digits, PV	K Type	*

LT177; ON/OFF Temperature Controller with Heating & Cooling Function

Temperature Controller; -30..+150°C, NTC sensor input, ON/OFF, Heating/Cooling Function, Offset feature, Alarm and Heat outputs, absolute, relative or sensor failure alarm options, Delay timer for cooling function, Adjustable Heat output in case of sensor failure



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Scale	Price
LT177-230VAC-R	35x77	100..240Vac	On-Off	Relay	Relay	1x3 Digits, PV	NTC	-30°C..+150°C	*

LT177N; ON/OFF Temperature Controller with Heating & Cooling Function

Temperature Controller; -19.9..+99.9°C, NTC sensor input, ON/OFF, Heating/Cooling Function, Offset feature, Alarm and Heat outputs, absolute, relative or sensor failure alarm options, Delay timer for cooling function, Adjustable Heat output in case of sensor failure



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Scale	Price
LT177N-230VAC-R	35x77	100..240Vac	On-Off	Relay	Relay	1x3 Digits, PV	NTC	-19.9°C...+99.9°C	*

LT102HT; ON/OFF Temperature and Humidity Controller

Micro processor based temperature and humidity controller, Measurement and control scale: -19,9°C ... +80,0°C, 5 ... 95 %RH , ON-OFF control, Separate control outputs for temperature and humidity, Selectable Heating and Cooling function, Selectable humidity increase / decrease function



Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output 1	Control Output 2	Display	Input	Scale	Price
LT102HT-230VAC-R	35x77	100..240Vac	On-Off	Relay	Relay	1x3 Digits, PV	GM-HT-01	-19,9°C ... +80,0°C, 5 ... 95 %RH	*

PANELMETERS

DPM72-VAC500; **Digital Panel Mount Voltmeter**

Micro processor based digital panel mount voltmeter

Product Code	Panel Size (mm)	Power Supply	Display	Input	Price
DPM72-VAC500	72x72	230VAC	1x3 Digits	0..500 VAC	*



DPM48-VAC500; **Digital Panel Mount Voltmeter**

Micro processor based digital panel mount voltmeter

Product Code	Panel Size (mm)	Power Supply	Display	Input	Price
DPM48-VAC500	48x48	230VAC	1x3 Digits	0..500 VAC	*



CUSTOM PRODUCTS

DT107PX; **PID Temperature Controller**

DT107PX is the enhanced version of DT107P device.

Minimum 1 second PID control period

Ramping after power on (soft-start)

SET display can be set to ON or OFF

-100..600°C, J Type T/C Input, ON/OFF , P, PI, PD, PID Heating function,

adjustable "Offset", Alarm and Heat outputs, selectable absolute, Relative, band or sensor failure alarm

Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
DT107PX-230VAC-R	72x72	100..240Vac	PID / On-Off	Relay	Relay	2x4 Digits, PV and SV	J Type	*



DT104PX; **PID Temperature Controller**

DT104PX is the enhanced version of DT104P device.

Minimum 1 second PID control period

Ramping after power on (soft-start)

SET display can be set to ON or OFF

-100..600°C, J Type T/C Input, ON/OFF , P, PI, PD, PID Heating function,

adjustable "Offset", Alarm and Heat outputs, selectable absolute, Relative, band or sensor failure alarm

Product Code	Panel Size (mm)	Power Supply	Control Type	Control Output	Alarm Output	Display	Input	Price
DT104PX-230VAC-R	48x48	100..240Vac	PID / On-Off	Relay	Relay	2x4 Digits, PV ve SV	J Type	*



SENSORS

J Type (Fe-Const) Termocouples

Bayonet type T/C, Fe-Const (J type), diameter 6 mm

Product Code	Diameter	Type	Cable Length	Measuring Scale	Price
J-1.5M-6mm	6 mm	Bayonet	1,5 meters	-100°C..+600°C	*
J-2M-6mm	6 mm	Bayonet	2 meters	-100°C..+600°C	*
J-3M-6mm	6 mm	Bayonet	3 meters	-100°C..+600°C	*
J-5M-6mm	6 mm	Bayonet	5 meters	-100°C..+600°C	*
J-10M-6mm	6 mm	Bayonet	10 meters	-100°C..+600°C	*



PT100-6H-SLK; PT100 Temperature Sensor

3-wire Pt100 sensor; with 3m silicon type cable, 6mm diameter, (-50°C ... +200°C)

Product Code	Diameter	Type	Cable Length	Measuring Scale	Price
PT100-6H-SLK	6 mm	without Threaded Head	3 meters	-50°C..+200°C	*



PT100-6S-SLK; PT100 Temperature Sensor

3-wire Pt100 sensor; with 3m silicon type cable, 6mm diameter, (-50°C ... +200°C)

Product Code	Diameter	Type	Cable Length	Measuring Scale	Price
PT100-6S-SLK	6 mm	with Threaded Head	3 meters	-50°C..+200°C	*



GM-NTC-105C; Plastic Over-moulding NTC Temperature Sensor

2-wire NTC sensor; with 1.5m cable (-30°C ... +105°C)



Product Code	Diameter	Type	Cable length	Measuring Scale	Compatible with	Price
GM-NTC-105C	-	Over-moulding	1,5 meters	-30°C..+105°C	LT172, LT172N, LT177, LT177N	*

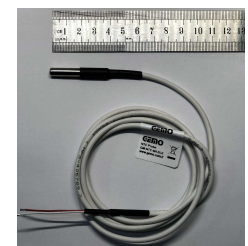


GM-NTC-6H-SLK; NTC Temperature Sensor

2-wire NTC sensor; with 1.5m silicon type cable, 6mm diameter, (-30°C ... +150°C)



Product Code	Diameter	Type	Cable Length	Measuring Scale	Compatible with	Price
GM-NTC-6H-SLK	6 mm	without Threaded Head	1,5 meters	-30°C..+150°C	LT172, LT172N, LT177, LT177N	*



SENSORS (Continued)

GM-NTC-6S-SLK; NTC Temperature Sensor

2-wire NTC sensor; with 1.5m silicon type cable, 6mm diameter, (-30°C ... +150°C)



Product Code	Diameter	Type	Cable Length	Measuring Scale	Compatible with	Price
GM-NTC-6S-SLK	6 mm	with Threaded Head	1,5 meters	-30°C..+150°C	LT172, LT172N, LT177, LT177N	*



PTC-H-130C; PTC Temperature Sensor

2-wire PTC sensor; with 1.5m silicon type cable, 6mm diameter, (-50°C ... +130°C)



Product Code	Diameter	Type	Cable Length	Measuring Scale	Compatible with	Price
PTC-H-130C	6 mm	without Threaded Head	1,5 meters	-50°C..+130°C	AR2-P, AR2-A-8D	*



PTC-S-130C; PTC Temperature Sensor

2-wire PTC sensor; with 1.5m silicon type cable, 6mm diameter, (-50°C ... +130°C)



Product Code	Diameter	Type	Cable Length	Measuring Scale	Compatible with	Price
PTC-S-130C	6 mm	with Threaded Head	1,5 meters	-50°C..+130°C	AR2-P, AR2-A-8D	*



AR2-PTC-H-130C; PTC Temperature Sensor

2 wire PTC sensor; with 1.5m silicon type cable, 6mm diameter, (-50°C ... +130°C)
(for AR2 14D and 12D2A family)



Product Code	Diameter	Type	Cable Length	Measuring Scale	Compatible with	Price
AR2-PTC-H-130C	6 mm	without Threaded Head	1,5 meters	-50°C..+130°C	AR2-A-14D, AR2-A-12D2A, AR2-G1	*



AR2-PTC-S-130C; PTC Temperature Sensor

2 wire PTC sensor; with 1.5m silicon type cable, 6mm diameter, (-50°C ... +130°C)
(for AR2 14D and 12D2A family)



Product Code	Diameter	Type	Cable Length	Measuring Scale	Compatible with	Price
AR2-PTC-S-130C	6 mm	with Threaded Head	1,5 meters	-50°C..+130°C	AR2-A-14D, AR2-A-12D2A, AR2-G1	*



SENSORS (Continued)

GM-HT-01; **Temperature and Humidity Sensor**

Digital Temperature and Humidity Sensor with 3 Wire Silicon Cable
Measuring Scale: -19,9 ... +80,0°C, 5 ... 95%RH (without condensation)
Resolution: $\pm 0,1^{\circ}\text{C}$, $\pm 1\% \text{RH}$ Accuracy: $\pm \% 1 (^{\circ}\text{C})$, $\pm \% 3 (\% \text{RH})$; (Over full scale)
Cable Length: 1.5m



Product Code	Resolution	Accuracy	Cable Length	Measuring Scale	Compatible with	Price
GM-HT-01	$\pm 0,1^{\circ}\text{C}$, $\pm 1\% \text{RH}$	$\pm \% 1 (^{\circ}\text{C})$, $\pm \% 3 (\% \text{RH})$ (over full scale)	1,5 meters	-19,9°C..+80°C, 5 ... 95%RH (without condensation)	LT102HT	*

CABLES

AR2-RS232-A; **RS-232 Programming Cable**

RS-232 cable for software downloading from PC to AR2 14D and 12D2A family, length 3 m.

Product Code	Cable Length	Compatible with	Price
AR2-RS232-A	3 meters	AR2-A-14D, AR2-A-12D2A	*



AR2-V3-RS232-A; **RS-232 Programming Cable**

RS-232 cable for software downloading from PC to AR2 8D and AR2-P 10D2A family, length 3 m.

Product Code	Cable Length	Compatible with	Price
AR2-V3-RS232-A	3 meters	AR2-A-8D, AR2-P	*



AR1-RS232-A; **RS-232 Programming Cable**

RS-232 cable for software downloading from PC to AR1 family, length 3 m.

Product Code	Cable Length	Compatible with	Price
AR1-RS232-A	3 meters	AR1-A	*



CABLES (Continued)

AR2-RES-500;

External 500 Ohm Shunt Resistor with Cables

External Shunt Resistor for 4..20mA to 0..10V signal conversion.
500 Ohm nominal, %1, 0.5W, with cables ready for mounting.

Product Code	Compatible with	Price
AR2-RES-500	AR2-A-12D2A, AR2-P, AR2-G1-12D2A	*

