



# Selection guide

NEW



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Line	PICO	NANO	FAST	METER	MICRO	CONTROLLER	MAXI	ANALOG	DIV	TRANSMITTER	CALIBRATOR
Display	3 digit 14 mm red LED	3.5/4/6 digit 10 mm red LED	3.5 digit 14 mm red LED	3.5 digit 14 mm red LED	3.5 digit 14 mm red LED	2 x 3.5 digit 10 mm red LED	3.5/4 digit 57/102 mm red LED	moving-iron moving-coil	3 digit red LED	---	4 digit/13 mm black LCD
Inputs	DC Voltage DC Current	Process DC Voltage DC Current DC Current Parallel BCD	Process DC Voltage DC Current AC Voltage AC Current Temperature Frequency	Process DC Voltage/Current AC Voltage/Current TRMS Voltage/Current Temperature Resistance 3 Wire potentiometer Strain gauge Frequency/Rate	Process DC Voltage/Current AC Voltage/Current TRMS Voltage/Current Temperature Resistance 3 Wire potentiometer Strain gauge Frequency/Rate	Process Temperature	Process DC Volt./Current Temperature Resistance 3 W.Potentiometer Strain gauge Frequency/BCD	DC Voltage DC Current AC Voltage AC Current Resistance Wattmeters Power factor Frequency Insulation	AC Voltage AC Current	Process DC VIA AC VIA TRMS VIA PT100/JK Resistance 3 Wire pot. Strain gauge Frequency	---
Accuracy	0.3%	0.1% (DC)	0.2% (VDC)	0.1% (VDC)	0.05% (VDC)	0.1% (Process)	0.2% (DC)	0.5...2.5%	0.5%	0.5%	0.1%
Outputs	---	---	1 relay set-point	1 - 2 relay set-point 5mV/digit 4...20mA 1 mV/digit	2 relay set-point 0...20 - 4...20mA 0...10V +/- 5V	PID/ON/OFF - Logic 1 - 2 alarm relay dual set-point	---	---	---	0-5, 0-10, 1-5V 0-20, 4-20mA Selectable	DC mV - V - A AC Volt J-K-PT100 Resistance
Communic.	---	---	---	---	Opto-isolated 8CD (24V) RS232C, RS485 isolated	RS232C RS485	---	---	---	---	---
Functions	Decimal point selection --- Overrange --- Hold	Decimal point selection --- Adjust.reading --- Overrange --- Hold	Decimal point selection --- Adjustable reading --- Overrange	Decimal point selection Adjustable reading Overrange Hold Dummy zero Lamp test	Decimal point selection Adjustable reading Overrange Hold Tare and peak function Hysteresis alarm	PID Regulation Auto tune Burn out °C and °F selectable	Decimal point selection Adjustable reading Input selection Hold blank	90°/240°scale Profile panel	---	Programmability 2.3 KV galvanic isolation	---
Sensor supply	---	---	---	24V - 30mA (Process) 5V (Potentiometer/Rate)	24V - 30mA (Process) 5V (Potentiometer/Rate)	20V - 30mA	24V (With AV0335)	---	---	5 / 15V - 30mA	---
Power Supply	5Vdc 8...14Vdc	24Vdc 12Vdc 5Vdc	230Vac 115Vac 24Vac 10...40Vdc	90...270Vac 10...30Vac/dc 40...120Vdc 90...240Vdc	90...270Vac 10...30Vac/dc 40...120Vdc 90...240Vdc	90...253Vac  24 Vdc	18...30Vdc/Vac  230Vac (With AV0335)	---	110/220Vac	90...270Vac 10...30Vdc/ac	Battery 9Vdc
Dimensions	24x55x51mm	24x48x125mm	36x72x81mm	48x96x112mm	48x96x112mm	48x48 - 96x125mm	120x240 - 160x480x40	48-72-96mm	53x90x58mm	60x70x125mm	87x145x39mm
Technical Man.	MT10xx	MT32xx	MT34xx	MT44xx	MT94xx	MT48xx	MT92xx	MTANxx	MT29xx	MT74xx	MT83xx