

M20 Instrument



- Backlight LCD display
- IP 56 wall mounting
- Rack mounting for panels
- DIN rail
- 2 Set point free contact relay output (on-off)
- 4-20mA proportional output with galvanic separation, selectable on set point or on measure range recorder
- Adjustable delay time
- Proportional time/pause output
- Adjustable hysteresis

The M20 are entry level instruments for pH, Chlorine, Redox, Conductivity and Temperature measurement. The M20 controllers are available as wall mounting, DIN and panel versions, featuring SMD technology and easy programming.



Model Options

Order Code	Model	Measure range	Functions	Resolution
M20PH-#	M20-pH	0-14.00 pH	pH measure and control	+/- 0.01 pH
M20MV-#	M20-MV	0-1000 mV	Redox potential (ORP) measure and control	+/- 1 mV
M20CL-#	M20-CL	0-10.00 ppm	Free Chlorine measure and control	+/- 0.01 ppm
MCD-#-X	M20-CD	0-10.00 uS K=5 0-100.0 uS K=5 0-1000 uS K=5 0-10.00mS k=1	Conductivity measure and control	+/- 1% F.S.
M20T-#	M20-TEMP	0-100 °C	Temperature measure and control	+/- 0.1 °C

At time of order please specify mounting option. (W= wall D= DIN R= panel mounting)

X At time of order please specify Conductivity measuring range required (See table above)

Technical Characteristics

Display	LCD 3 ¼" DIGIT backlight
Accuracy	+/- 1% F.S
Controls	Keypad 5 keys
Temperature compensation	Manual temperature compensation 0-100 °C
Set-point	2 free-contact relay ON/OFF load 5A 230Vac
Output	Analogical 4-20mA selectable for recorder or proportional to set point 2 with galvanic separation
Hysteresis	Set point hysteresis adjustable

Delay	Set point delay time adjustable
P.i.d.	Set point 2 selectable in proportional time/pause output
Power supply	230Vac 50Hz (Optional 110/24 Vac)
Consumption	2 Watt
Box	DIN 6 moduli / Rack 96x96 / IP56 plastic box
Dimensions	DIN – 106x90x58mm Rack – 96x96x100mm Wall – 180x115x75mm

Dimensions

