

M20

Controller

Instruments M20 series are based on microprocessor technology, to measure and control in water treatment and chemical process applications. Typical applications are: drinkable water, cooling towers, waste water treatment, swimming pools, industry, agriculture and so on. Thanks to the wide range of bow type this series is very suitable for all applications type.



Backlight LCD display

Available versions:

Rack for electric panel

DIN rail

IP 56 wall mounting

- 2 Set-point free contact relay output (On-Off)
- 4-20 mA proportional output with galvanic separation, selectable on Set-point2 or on measure range (recorder)
- Adjustable delay time
- Proportional time/pause output
- Adjustable hysteresis

MICON
DOSING SYSTEMS

Measure and control instruments for water treatment

M20

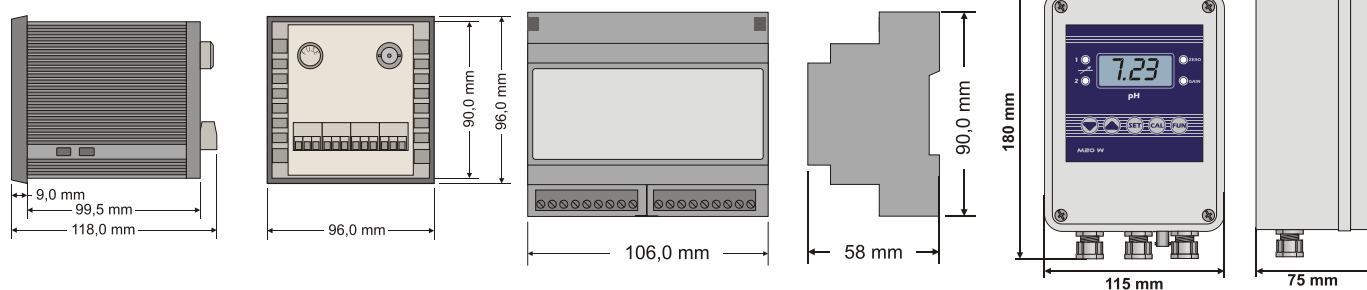
Controller

Models	M20-PH	M20-MV	M20-CL	M20-CD	M20-TEMP	M20DIN-TP
Measure range	0-14.00 pH	0-1000 mV	0-10.00 ppm	0-10.00 μ S K=5 0-100.0 μ S K=5 0-1000 μ S K=5 0-10.00 mS K=1	0-100 °C	
Functions	pH measure and control	Redox potential (ORP) measure and control	Free Chlorine measure and control	Conductivity measure and control	Temperature measure and control	External pulse multiplier/ divider
Resolution	\pm 0.01 ph	\pm 1 mV	\pm 0.01 ppm	\pm 1% F.S.	\pm 0.1 °C	
Display	LCD 3 1/2 DIGIT backlight					
Accuracy	\pm 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 the set-point 2 with galvanic separation					
Hysteresys	Set- point hysteresys adjustable					
Delay	Set-point delay time adjustable					
P.i.d.	set point 2 selectable in proportional time/pause output					
Power supply	230 Vac 50Hz (optional 110/ 24 Vac)					
Consumption	5W					
Box	DIN 6 moduli / RACK 96X96 / IP56 plastic box					
Dimensions	106 x 90 x 58 mm (DIN) / 96X96X100 mm (Rack) / 180x115x75 mm (W)					
Weight	310 gr. (DIN) / 560 gr. (Rack) / 545 gr. (W)					

Rack series

D series

W series



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