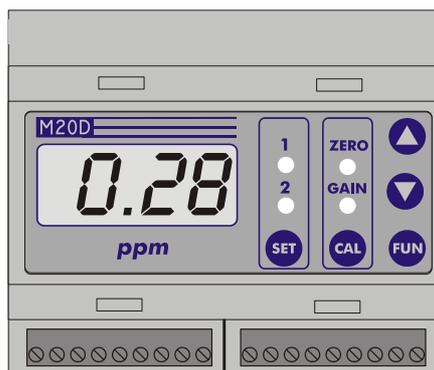




D20din-DC20din is a microprocessor based series with digital controls and LCD display. Easy programming, reliable measurements, and versatile features to control other external equipment. D20din series provides excellent quality/price and is enclosed into DIN rail 6 modules type enclosure for various type of mounting assembly. **DC20din** is enclosed into a IP65 plastic housing for wall mounting.



CONTROL MODES

Advanced programming functions:	it allows to program two threshold points to open a working range around set-point value.
Pulse proportional mode on set point 2:	pulse (timed) proportional output activates a dosing pump with constant mode frequency.
Proportional output 4÷20 mA:	analog 4÷20 mA output to drive either a chart recorder or dosing pump suitable to accept a mA external signal on set-point 2.
On-Off mode via relay output:	it will activate a constant / ON-OFF dosing pump with pulse frequency control.
Response Delay:	It will delay the pump injection for time selectable, thus allowing the right time for the electrode to get polarized.

MAIN FEATURES

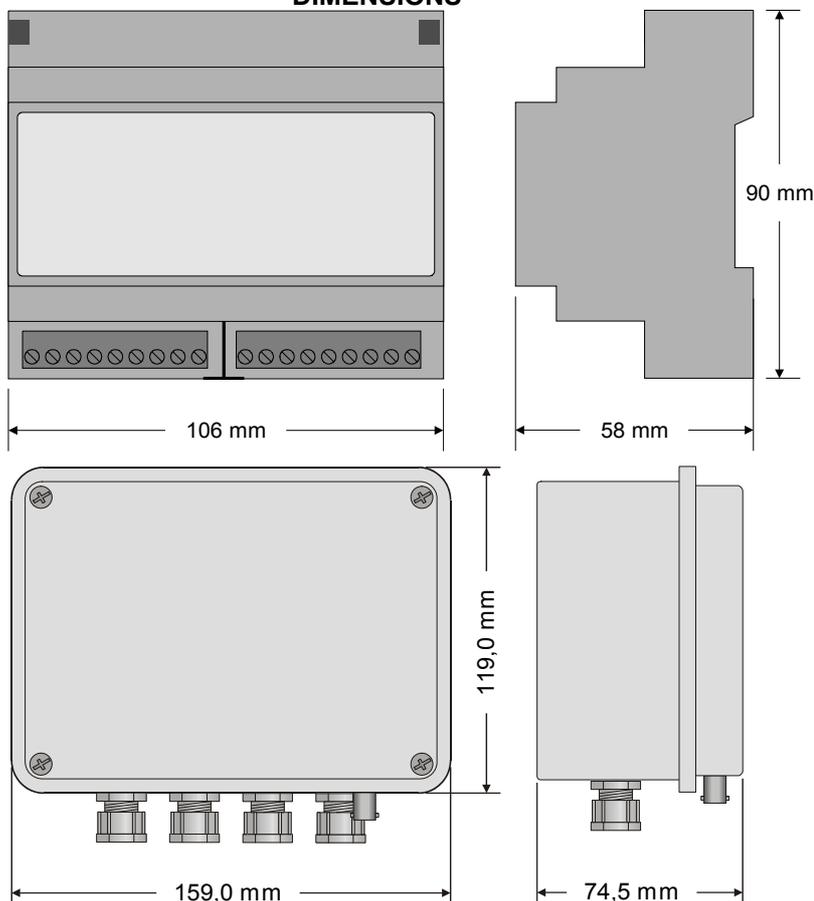
	D20din-PH	D20din-CL	D20din-RX	D20din - CD		
Range:	0÷14.00 pH	0÷10.00 ppm	0÷1999 mV	0÷10.00 mS	0÷1000 uS	0÷100 uS
Resolution:	0,01 ph	0,01 ppm	1 mV	10 uS	1 uS	0,1 uS
Hysteresis:	0,01 pH	0,01 ppm	1 mV	0,05÷1,00mS	5÷100uS	0,5÷10uS
Connections:	BNC	wiring clamp	BNC	connections wiring clamp		
Input probes:	pH electrode	Amperometric chlorine cell	Rx electrode	CD probe constant K1	CD probe constant K5	CD probe constant K5

OTHER TECHNICAL CHARACTERISTICS

Linearity, Stability Reproducibility: 0,2%	
Delay: Max 99 sec.	
Zero calibration: ± 20%	
Gain calibration: ± 25%	
Input impedance: Max 400 Ohm	
Power supply: 230 Vac standard; upon request 24 V ~/115V~	
Fuse: 1 fuse 315 mA delayed	
Working temperature: 0÷50°C	
Electrical connections: Extractable electrical connector clamp	
Set-Points:	two set-points
	ON-OFF
	Pulse (timed) proportional output
Functions:	Analogic 4÷20 mA output proportional to set-point 2
Outputs:	Output 1
	Output 2
	Output 3
	Resistive load
	Inductive load
	Chart recorder output
Enclosure:	Material
	Dimensions
	two set-points
	ON-OFF
	Pulse (timed) proportional output
	analog 4÷20 mA output to drive either a chart recorder or dosing pump accepting mA external signal on S-point 2
	Output 1
	Output 2
	Output 3
	Resistive load
	Inductive load
	Chart recorder output
	ABS plastic, DIN 6 modules or plastic box with front cover
	Din 106x90x58 / DC20 IP65 plastic housing 220x210x100

NOTE: D20 series is **NOT** provided with Chlorine cell, electrodes and probes which are available upon request.
FWT di Tommaso Commonara declines any responsibility in case the pump is used with other brand probes and sensors.

DIMENSIONS



Net weight: 310 grams - 0,85 grams with IP65 plastic housing