

FGD Controllers for chemical parameters



- Multiparameter controllers for pH, RX, Free Chlorine, Total Chlorine, Conductivity
- Multi-tension 100-240V
- IP55 case
- 128x64 backlight graphic display, simple user interface
- Setpoints with independent adjustment in ON-OFF or Proportional mode
- Acid / Alkaline (pH), Oxydant / Reductive (RX), Direct / inverse (Chlorine / Conductivity)
- Level probe, proximity sensor and temperature probes (PT100) inputs
- RS485 output
- 4-20mA proportional outputs with adjustable range by user;
- Priming mode
- Assisted Calibration and quality verification of pH and Redox probes

Available models

FGD100 PH(RX)	1 meters	Single parameter controller for pH (0 ÷ 14 pH) or Redox (0 ÷ ± 2000 mV) measurement and regulation.
FGD100 CL	1 meters	Single parameter controller for free Chlorine measurement and regulation for open cell amperometric probes (0 ÷ 10ppm) or free Chlorine / Total Chlorine membrane type probes (0 ÷ 2000 ppm) with mA or mV input signal
FGD100 EC	1 meters	Single parameter controller for Conductivity measurement and regulation for resistive type probes with K factor K=1, K=5, K=10
FGD200 PH-RX	2 meters	Multi parameter controller for pH (0 ÷ 14 pH) and Redox (0 ÷ ±2000 mV) measurement and regulation.
FGD200 PH-CL	2 meters	Multi parameter controller for pH (0 ÷ 14 pH) and free Chlorine measurement and regulation for open cell amperometric probes (0 ÷ 10 ppm) or free Chlorine / Total Chlorine membrane type probes (0 ÷ 2000 ppm) with mA or mV input signal
FGD100 PH-EC	2 meters	Multi parameter controller for pH (0 ÷ 14 pH) and Conductivity measurement and regulation (max 20 mS)
FGD300 PH-RX-CL	3 meters	Multi parameter controller for pH (0 ÷ 14 pH), Redox (0 ÷ ±2000 mV) and free Chlorine measurement and regulation for open cell amperometric probes (0 ÷ 10 ppm) or free Chlorine / Total Chlorine membrane type probes (0 ÷ 2000 ppm) with mA or mV input signal.

FGES1PH	FGD100 PH (RX) - 1 MEASURE
FGES1CL	FGD100 CL - 1 MEASURE
FGES1CD	FGD100 EC - 1 MEASURE
FGES2PHRX	FGD200 PH-RX - 2 MEASURES
FGES2PHCL	FGD200 PH-CL - 2 MEASURES
FGES2PHCD	FGD200 PH-EC - 2 MEASURES
FGES3PHRXCL	FG300 PH-RX-CL - 3 MEASURES

Technical Data

	FGD100	FGD200	FGD300
Number of parameters	1	2	3
Output relay	4	6	8
Setpoint	2	3	4
Temperature	PT100		
Output Ma	1	2	3
Auxiliary outputs	1	2	3
Alarm relay	1	1	1
Level input	1	2	3

