

Yokogawa Process Analyzers

# FU24-NPT

*for challenging and harsh applications*

Exclusive widebody performance



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## UNIQUE TECHNOLOGY

The build-in bellow system ensures immediate interior pressure equalization to the outside pressure, making the sensor virtually insensitive to external pressure variations.



## ROBUST

Unbreakable Ryton or PVDF body  
pH, ORP and Temperature in one sensor.  
General purpose and heavy-duty applications.



## EASE OF INSTALLATION

Upside Down installation standard possible.  
Quick connect with Variopin connection.  
Body with Integrated 1" thread.



pH, ORP and temperature,  
suitable for pressure fluctuating processes

For more information SCAN and visit the FU24 webpage

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Download our pH e-book

**SENSOR SELECTION**  
pH, temperature and ORP  
**WIDE BODY TYPE**

- Double Junction for prolonged lifetime
- Ion trap protecting the reference
- PTFE Junction to prevent fouling

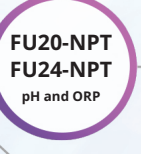
**Water quality monitoring, wastewater monitoring**

- Optimum performance in water monitoring



**Water treatment, HF present, Effluent treatment**

- Temperature fluctuations
- Upside Down mounting
- Additional Pressure compensation with FU24
- Constant pressure (FU20)



**Large pressure fluctuations, Pure water, Cooling water Scrubber**

- Integrated Bellow system
- Immediate interior pressure equalization to the outside pressure
- Upside Down mounting



**Pulp and Paper, Slurry**

- Flat surface membrane
- Flow will clean the sensor
- Up Side Down mounting
- Additional pressure compensation with FU24



**Bleach manufacturing, Chemicals production, Industrial wastewater treatment**

- Chemical resistant PVDF body
- Upside Down mounting
- Constant pressure
- Temperature fluctuations



**Pulp and paper Scrubber, Oil Desalter Scrubber, Quench Tower, Seawater**

- Differential pH
- From 0.0001 mol/l salt
- No open reference = no poisoning
- FFKM for very harsh applications (MTS)



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Wide body performance	Model	General	Sensing Elements		Operating range								Special Features			
					Temperature range				Pressure range							
					Robust body	pH	Temperature	ORP	60 °C	140°F	105°C	221°F	6 bar	87 psi	10 bar	145psi
Standard	PH21	•	•	•	-	•	•	-	-	•	•	-	-	-	•	-
Comfort	FU20	•	•	•	•	•	•	•	•	•	•	•	•	•	••	-
Exclusive	FU24	•	•	•	•	•	•	•	•	•	•	•	•	•••	•	

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