OpreX™ Analyzers

FLXA402
4-Wire Converter

SA11
SENCOM Smart Adapter

Change mind
~Site innovation ~ Site Evolution
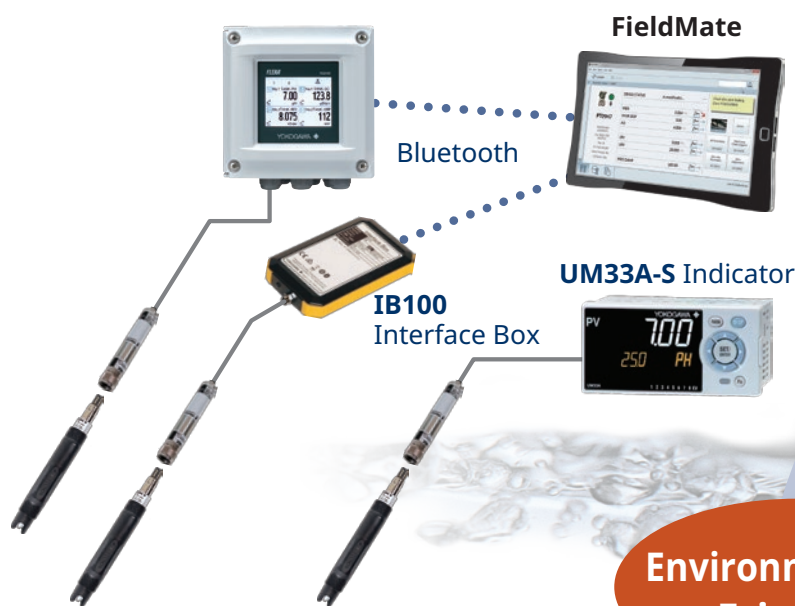
Clean and clear

Touch screen
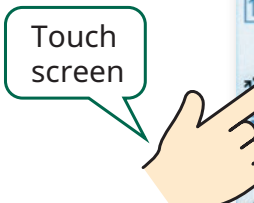
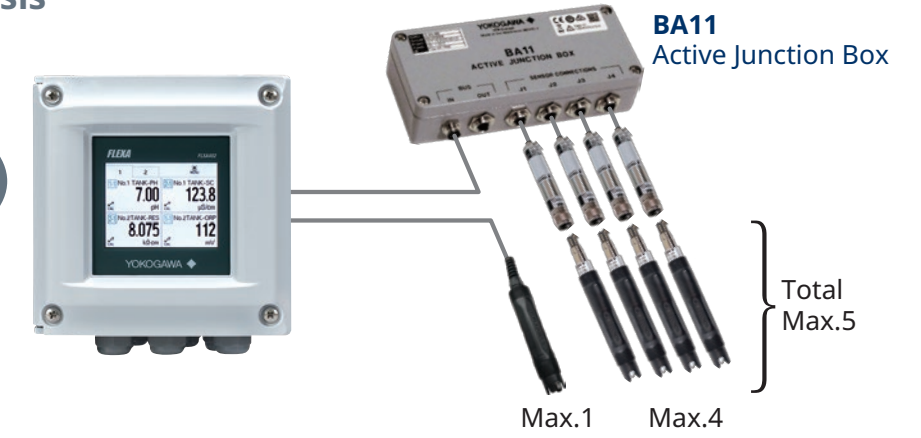| 1 | 2 | MENU |
1-1 No.1 TANK-PH	2-1 No.1 TANK-SC	
7.00 pH CAL	**123.8** μS/cm CAL	
1-1 No.2TANK-RES	1-1 No.2TANK-ORP	
8.075 kΩ·cm CAL	**112** mV CAL	

- Good usability and visibility
- Supports Multi-Language
- Easy quick start setup and configuration from tablet through Bluetooth

- Wiring cost reduction
- Smart data gathering: Historical data, calibration reports and predictive maintenance are realized by FieldMate software
- SD card for easy data transfer and remote service, depth process analysis

BA11 Active Junction Box

Total Max.5

Max.1 Max.4

FieldMate

Bluetooth

IB100 Interface Box

UM33A-S Indicator

PV **7.00** 250 PH

HMI Evolution

Optimized OPEX

FLXA402 4-Wire Converter

FLEXA FLXA402

1	2
No.1 TANK-PH	No.1 TANK-SC
7.00 pH	**123.8** μS/cm
No.2TANK-RES	No.2TANK-ORP
8.075 kΩ·cm	**112** mV

YOKOGAWA

Environmentally Friendly

Advanced Flexibility

- Covering various communication Multiple connection options available in portfolio platform (multi-channel 4-wire, SENSTATION, Modbus to PLC/DCS-standalone unit)
- Easy upgrade from analog to digital SMART
- Multiple-input allows connection of PH/SC/DO sensors* at one time

  *Digital 4 inputs (pH/SC) , Analog 2 inputs (pH/SC/DO/ISC)
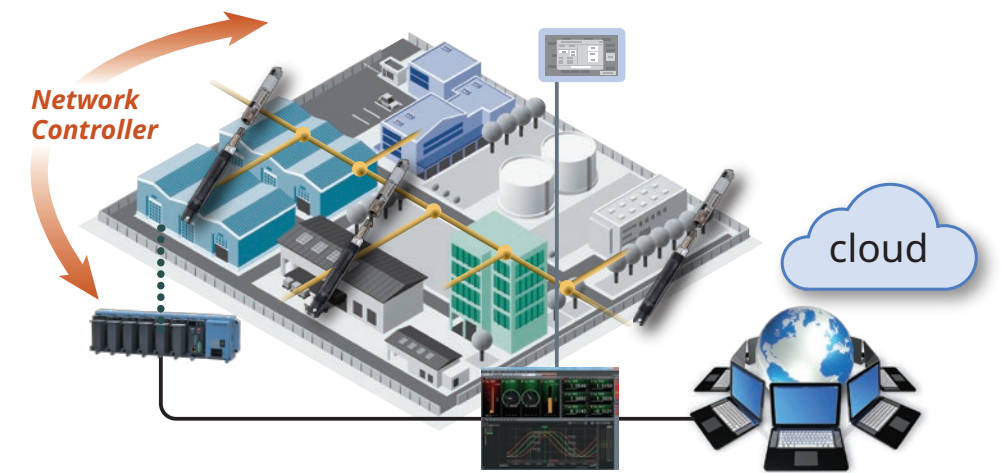
- When a sensor needs to be replaced there is no need to throw away the smart electronics. Only the consumable sensor portion is disposed of.

SA11 SENCOM Smart Adapter

Safety First

Network Controller

cloud

- Increased measurement availability by hot swap of pre-calibrated sensor
- Real time sensor diagnostics immediate action before measurement failure reduce down time and improve process uptime

Specifications

FLXA402 4-Wire Converter

Measurement Object / Sensor Type	pH/Oxidation-reduction Potential (pH/ORP)	Ambient operating temperature	-20 to +55°C		
	Conductivity (SC)	Output signal	4 to 20 mA DC		
	Inductive Conductivity (ISC)	Communication	HART, Bluetooth, RS485 (MODBUS RTU), Ethernet (MODBUS TCP)		
	Dissolved Oxygen (DO)	Mounting	Pipe, wall or panel mounting		
	Optical Dissolved Oxygen Sensor				
Housing	Aluminum die casting	Power supply	FLXA402-A	Acceptable range: 90 to 264 V AC	
Outline dimensions	165 (W) x 165 (H) x 168.5 (D) mm			Acceptable range: 50 Hz ±5%, 60 Hz ±5%	
				Power Consumption: Max. 35 VA	
Weight	Max. 3.0 kg		FLXA402-D	Acceptable range: 10.8 to 26.4 V DC	
Display	QVGA color LCD with touch screen			Power Consumption: 15 W	
	Message language : 11 (English, Chinese, Czech, French, German, Italian, Japanese, Korean, Portuguese, Russian and Spanish)			NAMUR NE21: DC power is restricted below Acceptable range: 21.6 to 26.4 V DC Power Consumption: 15 W	

SA11 SENCOM Smart Adapter

Sensor Connection	8 pins Variopin female connector	Ambient operating temperature	-30 to +125°C
Output signal	RS485 (MODBUS RTU)	Case material	SS316L
Protection	IP67, NEMA250 type 4X	Dimensions	φ21 x 122 mm
Weight	Approximately 120 g	Mounting	Direct: on top of analogue sensor using Variopin connection Indirect: Optional Pipe and Wall mounting hardware (/UM) and WE10 interconnection cable

OpreX™ Yokogawa achieves operational excellence by providing products, services, and solutions based on the OpreX comprehensive brand that cover everything from business management to operations.

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