



**FVX**® *Fieldbus  
Segment Indicator*

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[www.yokogawa.com](http://www.yokogawa.com)

**vigilantplant.**<sup>®</sup>  
The clear path to operational excellence

**YOKOGAWA** ◆

# Open your eyes

The next generation FOUNDATION Fieldbus indicators.....



**FVX**®  
Fieldbus  
Segment Indicator

Every asset can benefit from the increased insight that FVX brings

The FVX110 Segment Indicator is Yokogawa's latest addition to our FOUNDATION™ Fieldbus device portfolio. Its compact design offers much more intelligence and functionality than a traditional indicator. The FVX not only displays up to 16 process variables with a clear backlit LCD display but can also offer powerful functionality like additional FF function blocks, Link Master and online software download as standard.

**Compact**

**Intuitive**

**Powerful**



## Compact

Compact and robust design with high reliability

Yokogawa has a long history to supply highly reliable products which is well recognized in the market. The FVX mechanical design is built on the field proven hardware platform of our EJX pressure transmitters. The compact and robust construction with light weight body of 1.2kg is well suited for harsh industrial environments and ensures reliable plant operations.



## Intuitive

Intuitive design enables easy operation

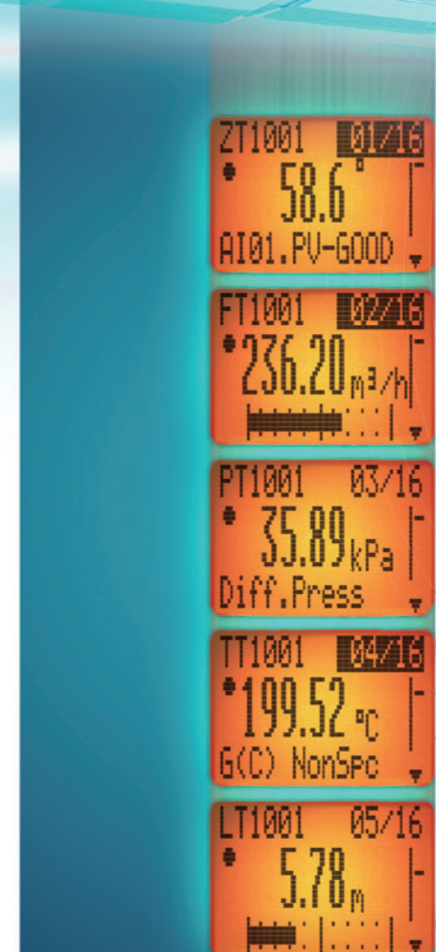
The full dot matrix display with backlight indicates information clearly even at conditions with low ambient lighting. Text and graphic indications well organized in the intuitive design to enable easy operation and realize full functionality. Three line display supports bargraph, icons, scroll bar with direction and page information. Squawk functionality enables easy identification of the device.



## Powerful

Powerful functionality offers wider application than traditional indicators

FVX offers a complete suite of FOUNDATION Fieldbus compliant function blocks such as Multiple Analog Output (MAO), Arithmetic (AR), Input Selector (IS), Signal Characterizer (SC), Integrator (IT) and PID. It also offers Link Master (Back-up LAS) and online software download functionality as standard features.



**FVX**®





# Displays up to 16 process values

More information can be displayed on one device

An FVX can display up to 16 process variables from multiple FOUNDATION Fieldbus compliant instruments on a H1 segment with assured interoperability. Consequently all process information from remotely located instruments can be conveniently displayed at an easily accessible location for ease of operation.



# Intelligence ready for future

Advanced functions open the door for diverse applications

FVX can be customized for a variety of advanced applications, which are not possible in a traditional indicator. For example, AR function block can be used to calculate compensated flow rate from differential pressure, static pressure and temperature signals. FVX supports advanced self-diagnostics (FF-912) as per NAMUR NE107 recommendations for easy maintenance and simplified troubleshooting.



# Easy-to-read informative LCD with backlight

FVX provides us with clear and real time indication

Full dot matrix (84 column x 32 lines) LCD display of FVX provides detailed information of the connected devices to the field operator. Standard LED backlight enables easy viewing even in low light conditions or night time. Three lines of display are available for tag number, process value with units, communication status and block information.



# Easy access to desired data

Scroll knob enables intuitive operation

The unique scroll knob on the side of the FVX housing allows easy switching of displayed information by manual operation. Field operator can select single or multiple scan modes and display direction. Simple scroll knob operation facilitates easy access to required information.



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The clear path to operational excellence

SEE  
CLEARLY

KNOW  
IN ADVANCE

ACT  
WITH AGILITY

VigilantPlant is Yokogawa's automation concept for safe, reliable, and profitable plant operations. VigilantPlant aims to enable an ongoing state of Operational Excellence where plant personnel are watchful and attentive, well-informed, and ready to take actions that optimize plant and business performance.

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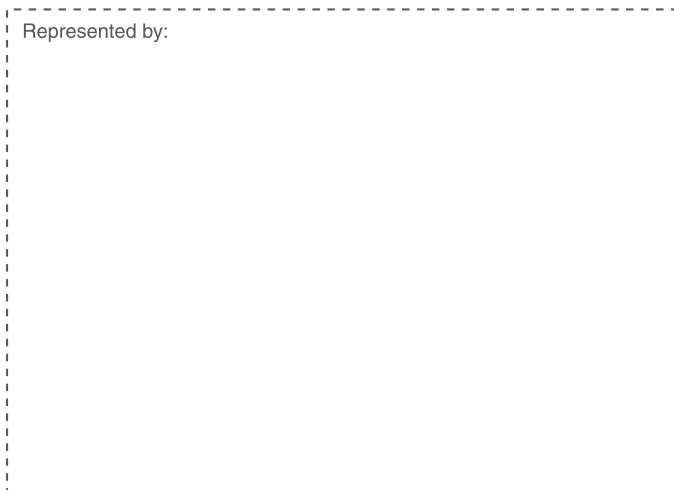
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