

# **I/O applications** Flow computers & remote controllers

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## Overview

Input Output (IO) Application provides an environment to automatically recognize and configure TFIO modules (as well as support on-board I/O) to the XSeries/ $X_{CORE}$  products.

## Features

- Automatically recognize and configure TFIO modules on I<sup>2</sup>C bus.
- Support on-board I/O.
- Efficient IO protocol between the modules and the main electronics board.
- Control module LEDs to save power and provide diagnostics.
- Support up to 8 instances of each module type.
- Automatically scales channels into desired units based on user entered calibration data.
- Currently supported modules include:
- Analog Input, 8 channel
- Analog Output, 4 channel
- Digital I/O, Pulse,8 channel
- Valve Control, 2 DO, 4 DI/DO/DO, 1 AO
- Communication, RS232/RS485
- Millivolt Input, TC, 4 channel
- Millivolt Input, RTD, 4 channel

## **Benefits**

- Hardware functionality of XSeries/XCORE devices can be extended in a flexible and simple way by adding modular IO as needed.
- Totalflow's TFIO modules are designed to accommodate low power, harsh environments at economical cost.

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(/O Subsystem)	4.255.12	Number of AOs	5		
E ON BOARD	4.255.13	Number of PIs	10		
E Analog Inputs	4.255.14	Number of DIs	10		
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B MODULES					
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TFIO 4/AO:00					
TFIO 8/AI:00					
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			201	d <u>Close</u>	Help



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