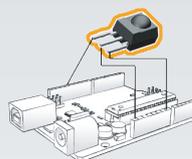


3.3V - 5V Logic Level Converter

- Type: Module
- Application: Add On Module
Connect 3.3V and 5V devices safely
- Dimensions: 35(L) x 31(W) x 21(H)mm



3.3V - 5V Logic Level Converter Overview:

While most of the modules used in the Duintech world are 5V logic, some are 3.3V. And unfortunately, connecting them directly often results in “letting out the smoke”! This little module is the answer. Provides two bi-directional channels to safely marry 3.3V with 5.0V. Drops straight into solder-less breadboard or can be soldered into your own PCBs.

Specifications	
	3.3V - 5V Logic Level Converter
Channels	2
Direction	Bi-Directional
Operating Voltage	3.3VDC & 5VDC
Supply Voltage	5VDC
Dimensions	35(L) x 31(W) x 21(H)

Connection table		
Module Pin	5V side	3.3V side
HV	5 Volts	
LV		3.3 Volts
Each side is a channel with the following:		
TXI		Transmit
RXO		Receive
RXI	Transmit	
TXO	Receive	

What is included: 1 x Level Converter Module

Essential Accessories:

Optional Accessories: Solderless Breadboard Jumper Leads

3.3V - 5V Logic Level Converter Sample Projects:



Did you know:

While most Arduino-Compatible devices use 5V, your Duintech board also provides a regulated 3.3V supply to power any 3.3V modules you may need to use. If a device is listed as 3.3V(5V tolerant), this usually means that the device needs to be powered from 3.3V, but it's data pins can be directly connected to your Duintech's 5V input/outputs. If you're unsure about a 3.3V device's compatibility, it's a good idea to use a level shifter just to be on the safe side.