



REMOTE MONITORING SPECIALISTS

INSTALLATION GUIDE

Omniflex Mini-Jack Programming Cable Model C1168B

The Omniflex Mini-Jack Programming cable is designed to be used to configure all OMNIFLEX products equipped with a “mini-jack” programming socket using a standard serial port of a PC.

Simply plug the “DB9” connector end of the cable into a standard serial port of a Windows PC, and the mini-jack end into the programming socket of the OMNIFLEX product to be configured.

If using a USB to Serial port adaptor, connect the serial port of the adaptor to the “DB9” of the cable and connect the USB plug to a spare USB port on the Windows PC.

USB to serial adaptor also available from Omniflex.

Using the Omniset Configuration Software, the correct template file for the product to be configured, and this programming cable, any OMNIFLEX product equipped with a “mini-jack” programming socket may be configured quickly and easily, even while installed on the plant,

Full isolation in the cable ensures that any stray voltages present in the plant do not get to your computer keeping it safe from transients and ground loops.

For hard to reach places, use with a standard 3.5mm miniature stereo jack extension cable

Features

- Standard PC Serial Port Connection
- Compatible with most USB to Serial adaptors
- Compatible with Omniset and Omniset Pro Configuration Tools
- Use with many Omniflex Products
- Fully Isolated for in-plant use

Getting Started

Thank you for choosing our product.

The Mini-Jack Programming Cable can be used with the Omniterm range as well as our range of annunciators as well as any Omniflex product equipped with a “mini-jack” programming socket.

To configure your Omniflex product using the Mini-Jack Programming cable, use our Omniset software which can be downloaded from the Omniflex website at www.omniflex.com.

Register on the website to download this software for free. Once the registration is complete, download the software from <http://www.omniflex.com/dsview.php?hid=CC001A>.



Quick Start Guide

Follow these simple steps to configure the Omniflex product in the shortest possible time.

1. Power up the Omniflex product,
2. Connect the Mini-Jack of the Programming Cable to the Omniflex product,
3. If you are using a USB to Serial Adaptor, ensure it has been configured beforehand,
4. Connect the serial port of the product to the Laptop/Computer OR to the USB to Serial Adaptor,
5. Refer to Knowledgebase Article 151 on the Omniflex website for a detailed USB to Serial Adaptor set up procedure which is located at:
<http://www.omniflex.com/kbview.php?id=151>.
6. Go to "Device Manager" in Windows and locate the COM port number for the USB to Serial Adaptor (not required if using a PC/Laptop with a built-in serial port),
7. Once you have downloaded the Omniset software (see "Getting Started"), install the software on to a PC/Laptop,
8. Register the Omniset software and once it has been registered, open Omniset (located under "All Programs", "Omniflex", and allow the software to automatically update the templates,
9. If there is an error message occurs about invalid port, acknowledge the error and click on the "Options" menu and "Port Settings" and change the port number to the number recorded in Step 4,
10. Click on "File Connect" and Omniset will read the product information from the Omniflex product and load the correct template for the product,
11. The Omniflex product can now be configured for use.

Technical support is available by email at techsupport@omniflex.com or contact your local supplier.

Specifications

Mechanical

Connectors

Computer End	9 pin D Sub-miniature female connector compatible with IBM PC de facto standard serial ports.
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OMNIFLEX Product End	3.5mm miniature stereo plug
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Cable Length

Cable Length	1m minimum
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Electrical

Data Rate	Tested to 38 400 baud
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Environmental Conditions

Operating Temperature	-0°C – 40 °C (+14°F – 140°F)
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Storage Temperature	-25°C – 85 °C (-13°F – 185°F)
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Compliance with Standard

Safety	EN 60950:1995
Emissions	EN 55011 EN50081-2:1994 Group I, Class A EN50082-2
Immunity – ESD	IEC 61000-4-2:1995, level 3

Immunity – RF Fields	IEC 61000-4-3:1995, level 3
Insulation	Basic Insulation between isolated circuits per IEC950
Isolation Voltage	Input/Output Isolated to 500Vac

Ordering Information

ORDER CODE	DESCRIPTION
C1168B	Omniflex Mini-Jack Programming Cable
Accessory:	
C1167A	Omniflex USB to Serial Adaptor

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