



Omniflex Mini-Jack Programming Cable

Model C1168B Isolated Programming Cable with Miniature Jack plug.

DATASHEET

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



OVERVIEW

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

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. Refer to Knowledgebase Articles 151 and 152 on the Omniflex website: <http://www.omniflex.com/kbase.php>.

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.

SPECIFICATIONS

Mechanical

CONNECTORS

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

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)
Storage Temperature	-25°C – 85 °C (-13°F – 185°F)

Compliance with Standards

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

