

PCS45/PCL45USB CONFIGURATOR FOR MTL TEMPERATURE CONVERTERS

The PCS45/PCL45USB configurator allows MTL isolating temperature converters to be configured from a standard PC running a Microsoft® Windows® operating system. The configurator comprises PC software provided on a CD (PCS45), and an ATEX certified interfacing link (PCL45USB). Temperature converters can be configured from the safe area, while on-line, and the software allows configurations to be saved to disk and printed out when required.

SPECIFICATION

Suitable for use with the following MTL converters:

MTL3073, MTL4073, MTL4075, MTL4575, MTL5073, MTL5074, MTL5575 and E01073

PCL45USB hardware

Location

Safe area

Connections

PC side: USB B(F) socket

Converter side: cable with 3.5mm jackplug, 3-pole for MTL4500 and MTL5500 series converters. An adapter cable is provided for other earlier MTL converters.

Cable lengths

Converter side (fitted): 1.5m

USB cable A(M) to B(M) (supplied): 2m

Ambient temperature limits

-10°C to +60°C operating

-20°C to +70°C storage

Humidity

5 to 95% relative humidity (non-condensing)

Weight

200g

PCS45 Configuration software

Compatible with Windows 2000 or Windows XP.

Consult MTL for operation with any other operating system, e.g. Windows Vista™.

Software medium

PCS45 supplied on CD

Updates are available at www.mtl-inst.com

Recommended minimum PC configuration

Microsoft Windows 2000 or Windows XP

128Mb of RAM

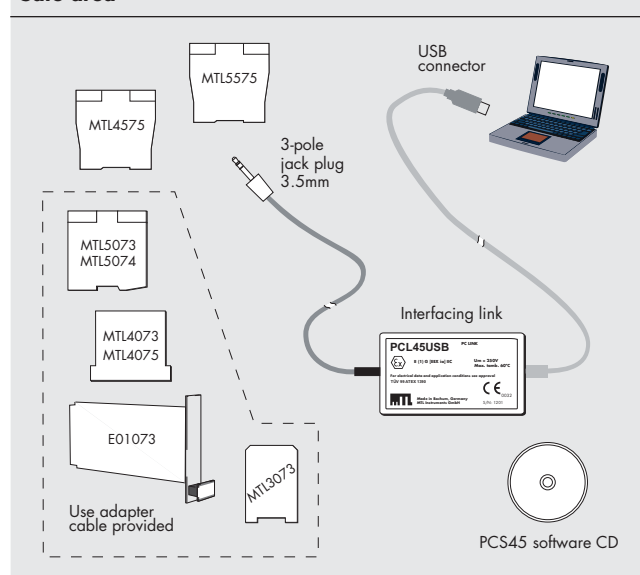
20MB of available hard disc space

CD ROM drive

Available USB port

Printer (local or network)

Safe area



Safety

It is not permitted to connect the PCL45USB to any device other than one approved by MTL. Authorisation is valid provided that the converter type is named on the PCL45USB certificate or if the PCL45USB is specified on the converter certificate. Repairs to the PCL45USB are not permitted.

Setting up

The equipment can be used only in the safe area.

Before plugging in the PCL45USB link to the computer, extract the USB driver files to a known location on your PC. Afterwards, plug in the PCL45USB to the USB port on the PC and wait for it to find the new device. When requested by the computer, show it the location of the driver files so that it can complete the device installation.

Place the PCS45 software CD in the computer's CDROM drive and follow the on-screen instructions to install the software.

The PCL45USB is powered from the data lines and requires approximately 15 seconds charge time after plugging the 3.5mm connector to the device socket before communication can be established.

Note: Ensure that the 3.5mm jack plug is fully inserted into the socket of the temperature converter.

Further operation notes (TSN304) are available on-line at www.mtl-inst.com/mtlsupport.nsf.

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Feb 2008