

## Instructions for BA3902 Pageant USB Programming Cable

## 1. INTRODUCTION

The BA3902 Pageant USB Programming Cable enables PLC application code developed within a CODESYS® Integrated Development Environment (IDE) on a PC (personal computer) to be downloaded to a Pageant plug-in CPU module.

The cable incorporates isolation and power limitation to prevent the CPU module's intrinsic safety components being damaged if the personal computer develops a fault or is miss-connected.

### CAUTION

**The BA3902 cable is not intrinsically safe and does not have third party certification, it should not be used in a gas or dust hazardous area, unless a gas/dust clearance certificate is available**

The CODESYS Development System may be downloaded free of charge from the CODESYS website.

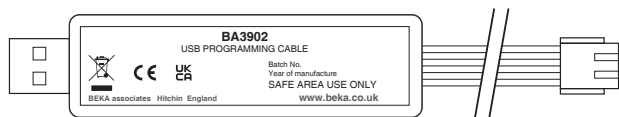


Fig 1 BA3902 USB programming cable

**The BA3902 Pageant Programming Cable is CE marked to show compliance with the European EMC Directive 2014/30/EU.**

**It is also UKCA marked to show compliance with the Electromagnetic Compatibility Regulations UKSI 2016:1091.**

## 2. CONNECTION

The BA3902 Programming Cable should be plugged into a USB port on the PC hosting the CODESYS IDE and to the programming port on the CPU module as shown in Fig 2. The CPU module requires powering during downloading which may only be performed in a non hazardous safe area, or in a hazardous area when a gas/dust clearance certificate is available.

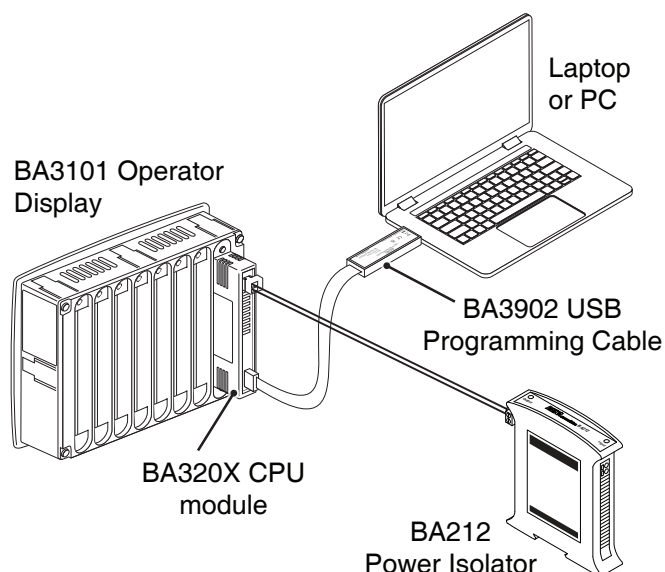


Fig 2 Transferring PLC application file to Pageant in a safe area, or in hazardous area when gas/dust clearance certificate is available

## 3. MAINTENANCE

The BA3902 Programming Cable should be inspected to ensure that it has not been damaged before use.

**No attempt should be made to repair a faulty BA3902 Programming Cable. Suspect cables should be returned to BEKA associates or your local BEKA agent.**

## 4. GUARANTEE

A BA3902 Programming Cable which fails within the guarantee period should be returned to BEKA associates or your local BEKA agent. It is helpful if a brief description of the fault symptoms is provided.

## 5. CUSTOMER COMMENTS

BEKA associates are always pleased to receive comments from customers about our products and services. All communications are acknowledged and whenever possible, suggestions are implemented.



All associated manuals, certificates, and datasheets can be downloaded from  
[https://www.beka.co.uk/qr-ba3902\\_1](https://www.beka.co.uk/qr-ba3902_1)

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