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Update on the CERN arc detectors

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A new generation of Arc Detectors was developed at CERN for the Linac4. For reliability reasons the detectors do not use optical fibres. Each sensor head is equipped by four independent photo detectors with optional two “blind” sensors for environments with high radiation background.

Since the first introduction in 2012 the detector design has been finalised, the housing ruggedised and made compatible with industrial, series production process. The project is supported by the CERN technology transfer group and the detectors are made available as a product for external users.

This contribution presents the current status of the Arc Detector project.

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