

EU Declaration of Conformity



We:

Parker Kittiwake

Parker Hannifin Manufacturing Ltd.
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Declare that the following apparatus:

Product name: iCount Particle Detector (iPD)
iCount Particle Detector Robust (iPDR)
Model numbers: Part numbers with prefix iPDxxx or iPDRxxx

Complies with the essential requirements of the following Directives:

2014/30/EU Electromagnetic compatibility
2011/65/EU Restriction of the use of certain hazardous substances in electrical and electronic equipment.

The following harmonised and international standards have been applied:

EN 61326-1: 2013

Authorised signatory and technical file holder:

A handwritten signature in black ink, appearing to read "A Baldwin".

Andrew Baldwin
Engineering Manager, Parker Kittiwake

Place of issue: Littlehampton, England
Date of issue: 29 November 2018

Product manual addendum

EMC

The iPD has been tested against and meets the requirements of BS EN 61326: 2013 “Electrical equipment for measurement, control and laboratory use” when installed as advised in the product manual.

Immunity

Test levels were for an Industrial environment with the equipment powered from a dedicated CE compliant 12VDC supply and a similar configuration should be used to power the iPD.

- ⚠ The iPD does not have internal protection against >500V line-to-line surges when directly powered from a D.C. distribution network.

Emissions

The iPD meets the non-residential Class A requirements.

Cable

- ⚠ A shielded cable should be used and the shield should be connected to earth at both ends.
- ⚠ The connector screen is connected to the case.
- ⚠ Avoid routing the cable in close proximity to cables supplying electrically noisy equipment such as electric motors.
- ⚠ Cable lengths should be kept to less than 30 metres.