



If you have an enquiry please use the contact details below:

K Controls Ltd
2 Crown Way
Crown Business Centre
Horton Road
West Drayton UB7 8HZ
United Kingdom

Phone:
+44 (0)1895 449601

Fax:
+44 (0)207 990 8111

E-mail:
sales@k-controls.co.uk

Web:
www.k-controls.co.uk

Blog:
www.k-controls.info

Twitter:
KControls

Visit us:
View a map

Spotlight on the 007-100 and 007-120 Exd Position Monitors



The 007-100 and 007-120 Exd IIC Position Monitors are ATEX and IECEx certified for use in gas Zones 1 and 2 and dust Zones 21 and 22.

The CE marked, IP67 enclosures are supplied in either coated aluminium or ANC 4B (316) stainless steel. Metric and NPT cable entries up to M25 and 3/4" are available. The products have been designed to accommodate, as an option, the latest version of the top mounted highly visible Klearvision position indicator that can be used in IIC hazardous areas.

The 007-100 is a compact solution that can contain up to 2 switches or a 4-20mA position transmitter. The larger 007-120 can contain up to 4 switches and a 4-20mA position transmitter.

The standard versions of the ATEX/IECEx certified 007-100 are for ambient temperatures -20°C to +40°C at T6 or -20°C to +80°C at T4. Ambient temperatures between -60°C to +70°C at T6 or -60°C to +120°C at T4 can be achieved with certain content permutations.

The standard versions of the ATEX/IECEx certified 007-120 are for ambient temperatures -20°C to +40°C at T6 or -20°C to +80°C at T4. Ambient temperatures of -50°C to +40°C at T6 or -50°C to +80°C at T4 can be achieved with certain content permutations.



The 007-120 now carries cCSAus certification marking for use in Canada and the USA. (cCSAus certification of the 007-100 will follow during 2012).

For Canada the product is gas certified Ex d IIC T6 and dust certified Class 2, Division 1, Groups E, F and G. For the USA the product is gas certified Class I Zone 1, AEx d IIC T6 and dust certified Class II, Zone 21, AEx tD T85°C; IP67.



K Controls Ltd

Quality, reliability and safety by design

2012 PM 100/120 V1.1

If you have an enquiry please use the contact details below:

K Controls Ltd

2 Crown Way
Crown Business Centre
Horton Road
West Drayton UB7 8HZ
United Kingdom

Phone:
+44 (0)1895 449601

Fax:
+44 (0)207 990 8111

E-mail:
sales@k-controls.co.uk

Web:
www.k-controls.co.uk

Blog:
www.k-controls.info

Twitter:
KControls

Visit us:
[View a map](#)

Baseefa have issued K Controls with ingress protection test reports. Both the 007-100 and 007-120 enclosures have passed IP68 tests to EN 60529:1991 at a depth of 30 metres for 96 hours. Standard units are rated IP67. IP68 versions are available to special order.

Designed for use in the oil, gas and petrochemical industries these units can be fitted to a wide range of quarter turn or linear valve actuators.

There is a very extensive range of monitoring equipment that can be fitted in this new range of Exd IIC Position Monitors.

Switch options include micro switches, hermetically sealed magnetically operated reed switches and standard or failsafe inductive proximity sensors. Potentiometers of various different values can be geared or directly driven. A solenoid back wiring facility can be provided so that switches and solenoid can be wired to the control room via a single multicore cable without the requirement for a separate junction box.

For continuous feedback of valve position or for monitoring the performance of critical emergency shutdown valves during partial stroke testing, 4-20mA, 4-20mA + HART®, PROFIBUS® PA or FOUNDATION™ FIELDBUS position transmitters are available in K4-20 variants.

Please [click here](#) when you next have an application.

Trademarks PROFIBUS® is a registered trademark of PROFIBUS International. HART® is a registered trademark of the HART Communications Foundation. FOUNDATION™ fieldbus is a trademark of the Fieldbus Foundation. K Controls has used all reasonable resources and efforts to indicate and supply information regarding trademarks used in this document. The absence of a trademark identifier is not a representation that a particular word or technology is not a trademark. All trademarks are property of their respective owners. If we have failed to properly show a trademark, please e-mail us and we will attempt to correct it. The ownership of all trademarks referred to in this document is acknowledged.

Legal Disclaimer This document is written by K Controls for use by its clients. Although we make every reasonable attempt to verify the accuracy of the technical information and advice provided, we can take no responsibility for loss or damage resulting from its interpretation or application. All information accessed via links in this document is protected by international copyright laws and may not be reproduced in any form without the written permission of the author. This E-mail and any files transmitted with it are confidential and may be legally privileged. It is intended solely for clients of K Controls Ltd. Any unauthorized recipient should advise K Controls immediately of the error.

Copyright K Controls Ltd 2012 - All rights reserved