

What is sensor interrogation?

Sensor interrogation is a feature of many transmitters today. It can be used to determine whether or not the sensor is working properly by sending a signal through the sensor and monitoring the response. The response will indicate whether the sensor is cracked, broken, clogged or otherwise not operating properly. The transmitter will then display a message indicating the sensor should be checked. For example, a remote operator overseeing a process running at a constant pH of 7 may not have any indication of problems. However, if the cable is shorted the transmitter will also display approximately pH 7. Without sensor interrogation, or physically checking the system, the operator may think the pH measurement is acceptable when in fact the electrode or cable is damaged, generating a false reading.

The contents of this publication are presented for information purposes only, and while every effort has been made to ensure their accuracy, they are not to be construed as warranties or guarantees, express or implied, regarding products or services described herein or in their use or applicability. All sales are governed by our terms and conditions, which are available on request. We reserve the right to modify or improve the design or specification of such products at any time.

© 2022 Broadley-James Corporation. All rights reserved. Visit www.broadley-james.com/trademarks for trademark information.

TMP-BF-102101



North America and Pacific

Email: sales@broadleyjames.com
Web: www.broadleyjames.com

19 Thomas, Irvine CA, 92618 USA

Phone: 949-829-5555
Tollfree: 800-288-2833
Fax: 949-829-5560

United Kingdom and EU Countries

Email: sales@broadleyjames.co.uk Phone: +44 (0)1525 862518
Web: www.broadleyjames.eu Fax: +44 (0)1525 862811

Wrest Park, Silsoe Beds MK45 4HS, UK