Gamewell FCI FIRE CONTROL INSTRUMENTS by Honeywell

Technical Bulletin

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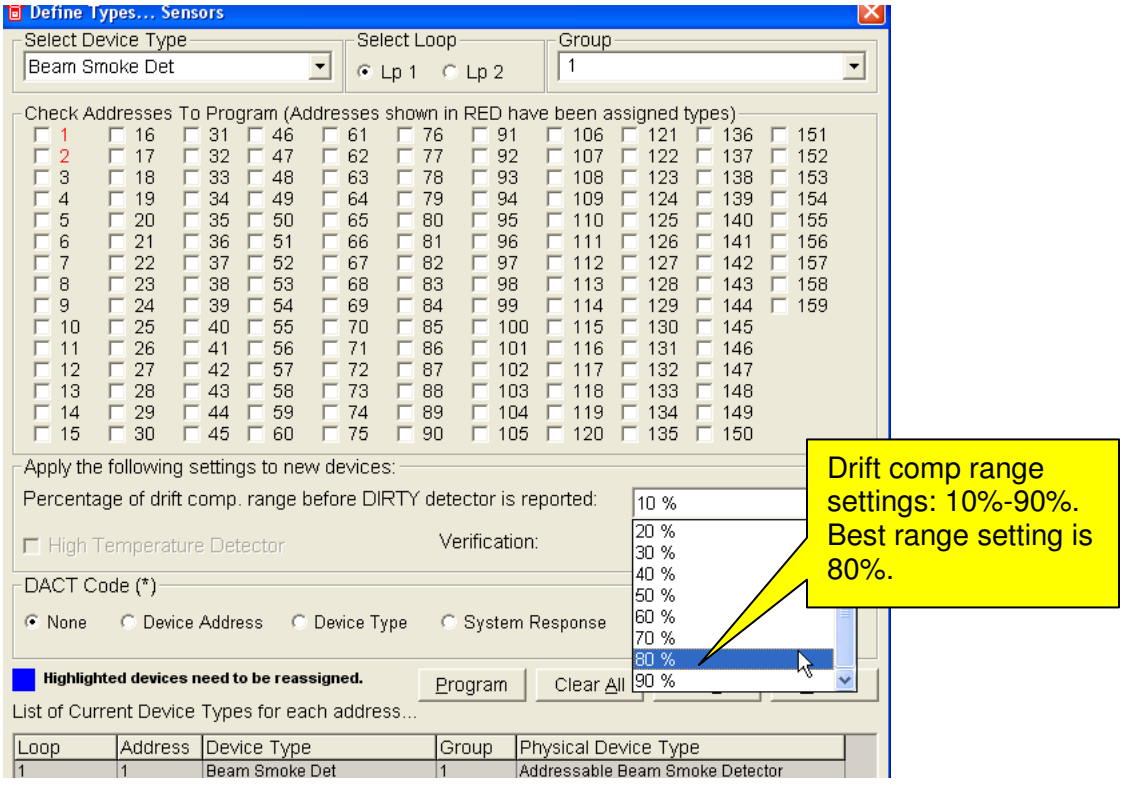
To: All Gamewell-FCI Distributors

E3 Series® System Application Tech Tip: Addressable Beam Smoke Detector Dirty Threshold

The Gamewell-FCI E3 Series system supports the Velociti® Series ABD-2F and ABD-RT2F addressable beam smoke detectors. These devices have a number of differences from other Velociti Series devices, most notably that their sensitivity setting cannot be set through the panel's configuration nor, can the device's sensitivity setting change for day operation versus night operation.

In place of the sensitivity settings, the E3 Series system can be configured to provide a "Dirty" indication at various percentages of the device's total drift compensation range. This is accomplished through the Day Sensitivity setting in CAMWorks. The allowed range is from 10% to 90%. The panel will indicate a "Very Dirty" trouble when 100% of the drift compensation range has been reached, regardless of the user configured "Dirty" threshold.

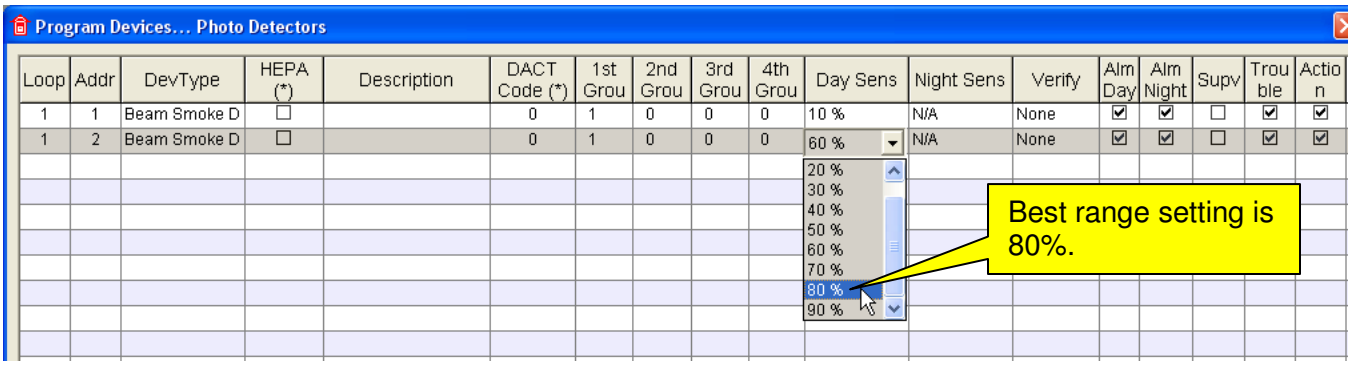
CAMWorks 1.x and 2.x Screen Shot – Define Types, Drift Compensation



When initially configured in CAMWorks, the "Dirty" threshold is set by default to 10%. Should the panel indicate a "Dirty" condition on a brand new beam detector, it is advisable to change this setting to a higher percentage, such as 80%. Fine tuning of this setting may also be necessary to fully clear the condition.

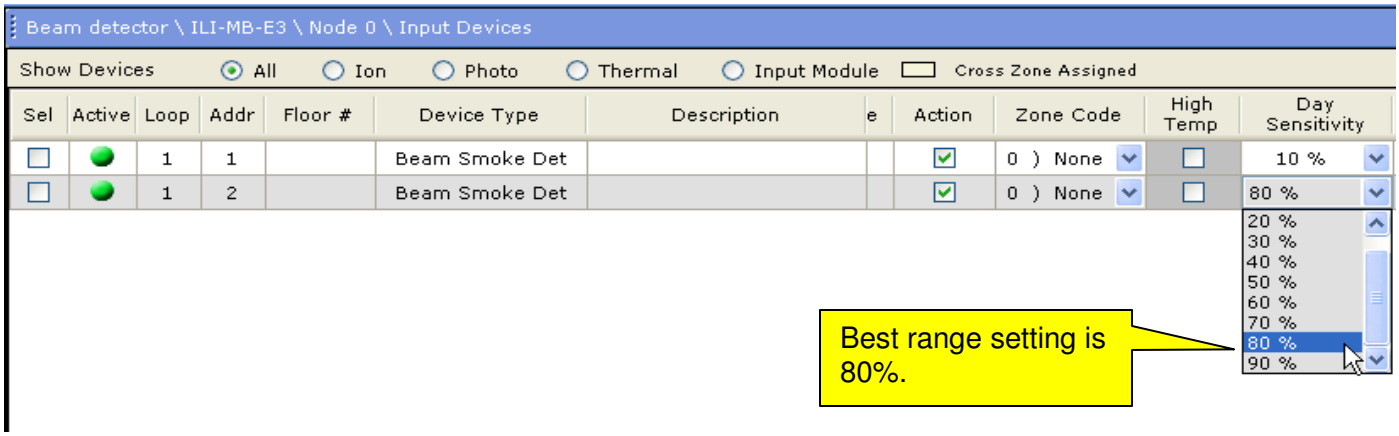
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CAMWorks 1.x Screen Shot - Program Devices, Day Sensitivity



This setting may be modified by changing the device's "Day Sensitivity" setting in CAMWorks. In CAMWorks 1.x, this is accomplished by selecting "Program Devices → Sensor Parameters → Photo" in the ILI-MB-E3 or ILI-S-E3 node that the beam detector is assigned to. In CAMWorks 2.x, this setting is changed by navigating to the "Input Devices" icon under the ILI-MB-E3 or ILI-S-E3 node that the beam detector is assigned to using the Project Explorer.

CAMWorks 2.x Screen Shot - Input Devices, Day Sensitivity



As always, feel free to contact Gamewell-FCI Technical Support Department with any questions or comments concerning this Technical Bulletin.

Sincerely,

Robert Gomersall
Product Manager