16TH NOVEMBER 2021

Technical Bulletin (TB-2105): Intelligent Reflective Beam Detector - Auto-Aligning (SA7100-100)

Reason for notification:

Although this product is on very limited availability, our internal testing has found that if the address of the unit is set to greater than 126, the unit does not appear on the panel during installation or configuration when using CoreProtocol.

Detail:

Apollo's CoreProtocol allows devices to be set with addresses greater than 127; on XP95 protocol, devices could only be set to an address of 126 or less. When the SA7100-100 are set to an address of 127 or greater for use with CoreProtocol, i.e., with bit 7 of the address line enabled, the device does not power up. The power "ON" flag within the device remains permanently on, resulting in the device not appearing on the panel.

All products of the model number identified below are affected by this issue.

Model number	Item Name
SA7100-100	Intelligent Reflective Beam Detector – Auto-Aligning

Remedy:

The remedy is to ensure that when the SA7100-100 is put on a loop with CoreProtocol, the address is set to 126 or below. This will ensure correct operation and allow the panels to recognise the units.

Questions:

Should you have any further questions, please do not hesitate to contact your account manager or techsales@apollo-fire.com

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