

This addendum details corrections and additions which should be read in conjunction with the FV300 User Manual UM35 Issue 2 (120.415.886).

Page 13:

In figure 9, showing the wiring of the walk test input, the labels for the Window Test and Alarm Test resistors are swapped. Window test should be 15k and alarm test 1k8.

Insert after Fig. 9

Note: The FV300 detectors are approved for use in both gas and dust atmospheres but the WT300 Test tool is only approved for gas atmospheres. Where FV300 detectors are installed in dust risk environments the walk-test wired input should be used.

Page 23:

Second sentence in second paragraph between tables should read:  
The following table shows the response time for a selection of fuels measured on axis for fully developed fires.

Page 36 at end of Section 6.3.1:

Insert following notes:

Note: If FV300 detectors are installed in dust risk environments then the walk-test wired input should be used. The WT300 is not approved for dust risk environments.

Note: It is recommended that the RS485 Configuration port from the FV300 is wired back to a central point to support remote configuration and diagnostics. The configuration port can be wired as a bus connecting up to 16 detectors. An RS485 to PC interface (RS232 or USB) is required that can communicate at up to 38,400 baud with direction controlled by the RTS line.

Page 43:

Change title of table 2 to be “Configuration DIP switches”

Insert note below table 2:

Note: For detectors with V1.001 software when the DIP switches are active the action of switch 5, Alarm Latching, is inverted (Off = Alarm Latching Disabled, On = Alarm latching enabled).

Note: The detector is supplied with the default configuration shown in Table 2,

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Table 4:

Change pair 4:

blue to be “Configuration RS485+”

white to be “Configuration RS485-”

Change pair 6:

yellow to be “Field Network RS485+”

white to be “Field Network RS485-”

Add title:

Table 4 Sealed Back-box Flying Lead Connections

Page 48:

Insert after figure 31:

The safety chain secures the top case to the bracket. The end with the ‘L’ shaped link, is screwed to the underside of the top case, see figure 31 above. The other end should be fixed to one of the bolts at the bottom of the bracket. The washers must be fitted between the screw head and the chain when fitting this link. The screw link must be securely closed when the detector is being fitted or removed. Otherwise if the detector is dropped the safety chain may not stop the top case falling.

Page 52:

Add following part to list:

NV – 652W Active video balun: 603.015.027

ADAM4520 RS485/RS422 to RS232 Converter: 557.180.151

Page 53:

Insert in section A1.2

Note: The Modbus serial bus must be fitted with a set of termination resistors at one point only. See section 4.1.4.2 on page 12 of manual for details. When installing on an existing bus check that the correct resistors have been fitted.

Insert following below table 5:

The Modbus parameters are configured on the Network tab of the PC300 configuration tool.

Note: When Modbus is enabled or disabled or if the network parameters are changed then the detector needs to be powered down and up or restarted from the configuration tool to activate the new settings.

Page 57:

Insert new text before section B1.1 as follows:

#### Identity and Location Information

Each detector can be configured with a user defined text string up to 24 characters long. This is normally used to identify the detector and its location. This information is programmed using the PC configuration tool. The identity and location will be displayed on the overlay if an event occurs but can be permanently shown if required.

In addition to the upper (ABC...) and lower (abc...) case alphabet and numbers (0123...), the following characters may be used in the identity and location string:

!'"#%&'()\*+,-./:;<=>?[ ]\_~ and { will be display as ((with } as ))

Characters that cannot be displayed on the overlay will be shown as a “?”.