

## Internal extension H1

for Vitodens and Vitopend  
Part no. 7498513

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### Safety instructions



**Please follow these safety instructions closely to prevent accidents and material losses.**

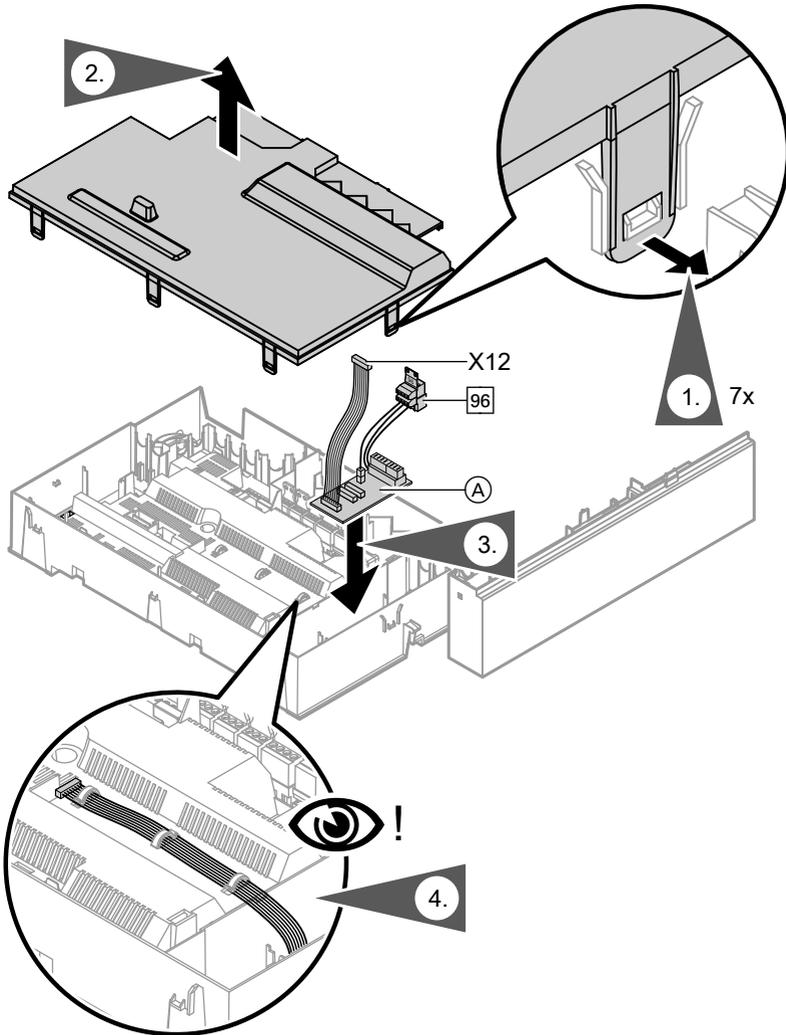
Installation, initial start-up, inspection, maintenance and repairs must only be carried out by a competent person (heating engineer/installation contractor).

Before working on the equipment/heating system, isolate the power supply (e.g. by removing a separate mains fuse or by means of a mains isolator) and safeguard against unauthorised reconnection.

When using gas as fuel, also close the main gas shut-off valve and safeguard against unauthorised reopening.

Repairing components which fulfil a safety function can compromise the safe operation of your heating system. For replacements, use only original spare parts supplied or approved by Viessmann.

## Installing the internal extension into the control unit casing



(A) Internal extension H1



## Electrical connection (cont.)

### Allocation of function to plug 28/20

Select the required function at plug 28/20 in coding address 53:

- 53:0 Central fault message
- 53:1 DHW circulation pump (delivered condition)
- 53:2 External heating circuit pump
- 53:3 Circulation pump for cylinder heating



Service instructions

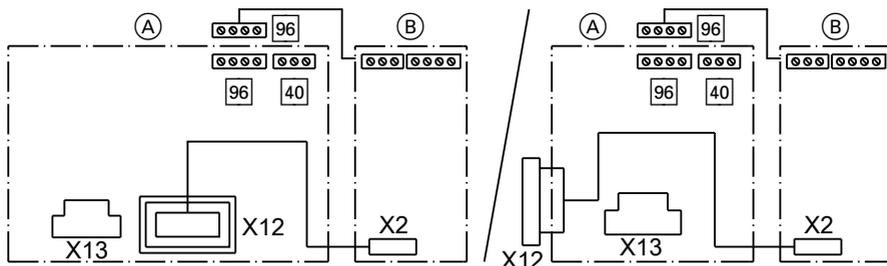
### Connections at plug 53

- External safety solenoid valve (LPG) F.  
Do **not** remove jumper between "1" and "L" when making this connection.
- Flue gas damper with spring return H (only for A).  
When making this connection, remove jumper between "1" and "L".

Rated voltage: 230 V ~

Rated current: max. 1 (0.5) A ~

### Connecting the internal extension to the control unit



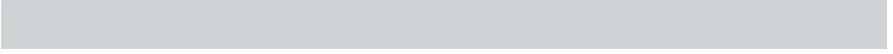
1. Connect the 7-core cable to extension B at X12 of the main PCB of control unit A.

2. Pull plug 96 from the main PCB of the control unit.

## Electrical connection (cont.)

3. Connect any available connections at plug **96** of the extension. See figure on page 3:
  - Ⓒ Vitotrol 100, type UTA or wireless receiver UTDB-RF
  - Ⓓ Vitotrol 100, type UTDB
4. Insert plug **96** of the extension into the main PCB of control unit.





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