

FDM1101, FDM1101A

Manual call point



Collective/SynoLINE300, SynoLINE600

- Manual call point FDM1101 for all fire detection systems with collective/SynoLINE600 signal processing
- Manual call point FDM1101A for all fire detection systems with collective/SynoLINE300 signal processing
- Direct activation: type 'A' according to EN 54-11
- For surface and recessed mounting
- Either glass insert or resettable plastic insert
- Special FDM1101 housing designs available for the French market:
 - FDM1101-RG (F) with glass insert
 - FDM1101-RP (F) with plastic insert
- Two-wire installation for all cable types
- Optional connection terminal DBZ1190-AB (3-pin, 1...2.5 mm²) for connecting shielded cables

Properties

Features

- FDM1101-Rx with integrated alarm indicator (LED)
- Protected electronics

Eco-friendly

- Environmentally friendly processing
- Reusable materials
- Electronic parts and synthetic materials can be easily separated

Use

Use

- For the immediate manual activation of a fire alarm
- Suitable for indoor applications

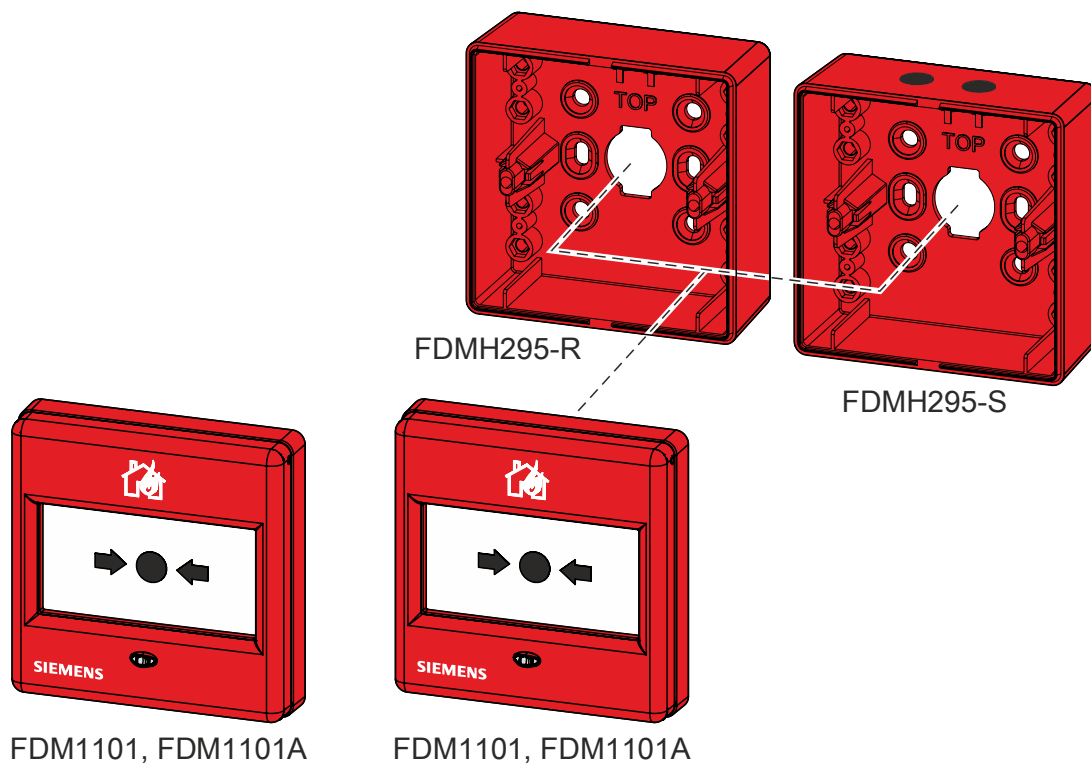
Types of mounting

The manual call points are suitable for surface mounting and recessed mounting in easily accessible locations.

| Device / Accessory | Recessed mounting | Surface mounting |
|---|-------------------|------------------|
| FDM1101-RG with glass insert FDM1101A-RG with glass insert | X | X |
| FDM1101-RP with resettable plastic insert FDM1101A-RP with resettable plastic insert | | |
| FDMH295-R back box | – | X |
| FDMH295-S back box with holes and grommets for cables Ø 5 mm | | |

X = device/accessory required for this type of mounting

– = not required for this type of mounting



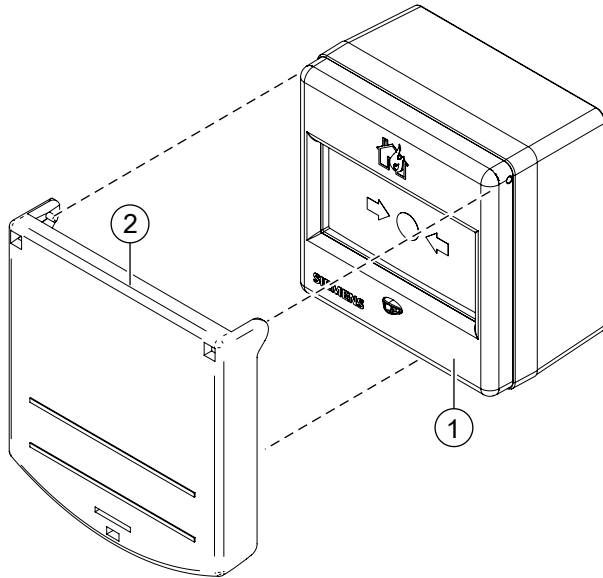
If you use back box FDMH295-R, a hole with $\varnothing \leq 20$ mm must be drilled in the back box for the surface-mounted cable entry. Use metal cable gland M20 x 1.5 with metal counter nut M20 x 1.5 (accessories).

Function of the manual call points FDM1101-RG, FDM1101A-RG

- Direct alarm activation by pushing in the glass insert
- Manual call point reset by replacing the glass insert
- Protective cover FDMC295 (accessory) protects the manual call point against the glass being broken and the alarm activated accidentally.

Function of the manual call points FDM1101-RP, FDM1101A-RP

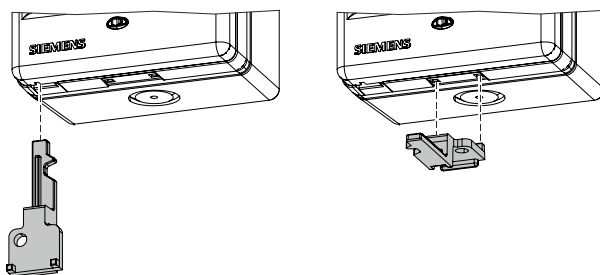
- Direct alarm activation by pressing the plastic insert
- Manual call point reset with key FDMK295
- Protective cover FDMC295 (accessory) protects the manual call point against the alarm activated accidentally.



Installing the protective cover FDMC295

1 Manual call points FDM1101-Rx, FDM1101A-Rx

2 Protective cover FDMC295



Using key FDMK295 to reset the manual call points FDM1101-RP and FDM1101A-RP (left) and open the housing (right)

Type Overview

| Type | Designation | Order no. | Weight [kg] |
|-------------------------------|--|----------------|-------------|
| Collective/SynoLINE600 | | | |
| FDM1101-RG | Manual call point with glass element | S54371-F6-A1 | 0.100 |
| FDM1101-RP | Manual call point with resettable plastic insert | S54371-F6-A2 | 0.094 |
| FDM1101-RG (F) | Manual call point with glass insert for France | S54371-F6-A5 | 0.100 |
| FDM1101-RP (F) | Manual call point with plastic insert for France | S54371-F6-A6 | 0.094 |
| Collective/SynoLINE300 | | | |
| FDM1101A-RG | Manual call point with glass element | S54371-F6-A3 | 0.102 |
| FDM1101A-RP | Manual call point with resettable plastic insert | S54371-F6-A4 | 0.096 |
| Accessories | | | |
| FDMH295-R | Back box | A5Q00013437 | 0.061 |
| FDMH295-S | Back box with holes and grommets | A5Q00013438 | 0.061 |
| – | M20 x 1.5 metal cable gland | A5Q00004478 | 0.036 |
| – | M20 x 1.5 metal counter nut | A5Q00004479 | 0.006 |
| DBZ1190-AB | 2.5 mm ² , 3-pin connection terminal | BPZ:4942340001 | 0.001 |
| FDMC295 | Protective cover | A5Q00013440 | 0.036 |
| FDMG295 | Glass insert 'Neutral' | A5Q00013442 | 0.012 |
| FDMP295 | Plastic insert 'Neutral' | A5Q00013445 | 0.008 |
| Replacement material | | | |
| FDMK295 | Key | A5Q00013448 | 0.001 |
| FDMG295-F | Glass insert France | A5Q00013443 | 0.012 |
| FDMP295-F | Plastic insert France | A5Q00013446 | 0.008 |

Product documentation


| Document ID | Title |
|-------------|---|
| A6V10225323 | Equipment overview Cerberus™ PRO Detector system FD720 |
| A6V10201150 | Technical manual Manual call point collective FDM1101-Rx |
| A6V10201152 | Technical manual Manual call point conventional FDM1101A-Rx |
| 008331 | List of compatibility (for 'Sinteso™' product line) |
| A6V10229261 | List of compatibility (for 'Cerberus™ PRO' product line) |
| A6V10393192 | List of compatibility (for 'Cerberus™ FIT' product line) |


Related documents such as environmental declarations, CE declarations, etc., can be downloaded at the following Internet address:

<http://siemens.com/bt/download>

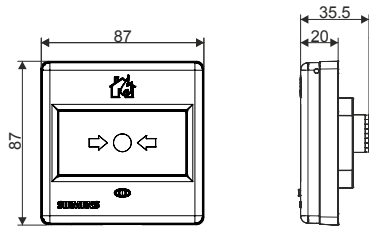
Technical data

| | FDM1101 | FDM1101A |
|--|---|---|
| Operating voltage | DC 16...28 V | Max. AC 28 V or DC 28 V |
| Max. current, permanent | 60 mA | 100 mA |
| Max. current, pulsating | 100 mA | Max. 1 A |
| Operating temperature | -25...+70 °C | -25...+70 °C |
| Storage temperature | -30...+75 °C | -30...+75 °C |
| Air humidity (no condensation permitted) | <95 % rel. | <95 % rel. |
| Connection terminals | 0.28...1.5 mm ² | 0.28...1.5 mm ² |
| Color | ~RAL 3000 flame red | ~RAL 3000 flame red |
| Protection category (EN 60529 / IEC 60529) | IP44 | IP44 |
| Conforming to: | EN 54-11 | EN 54-11 |
| Environment category: | EN 54-11 | EN 54-11 |
| Approvals | FDM1101-RG / FDM1101-RP FDM1101-RG (F) / FDM1101-RP (F) G209148 126as/01 / 126as/02 126as/05 / 126as/06 | FDM1101A-RG / FDM1101A-RP G209149 126as/03 / 126as/04 |
| • VdS • LPCB | | |
| Communication protocol | Collective/SynoLINE600 | Collective/SynoLINE300 |
| System compatibility | Compatible with all fire detection systems with collective/SynoLINE600 signal processing | Compatible with all control panels that support the SynoLINE300 specification |

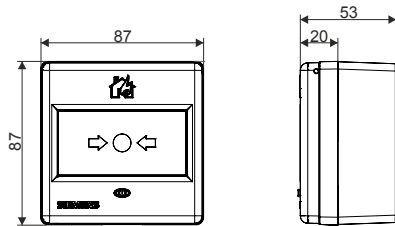
| | | |
|---|---|--|
| 08  0832 | FDM1101-RG / FDM1101-RP FDM1101-RG (F) / FDM1101-RP (F) | Siemens Switzerland Ltd; Gubelstrasse 22 CH-6301 Zug Technical data: see doc. A6V10201150 |
| | FDM1101 - Manual callpoint for use in fire detection and fire alarm systems installed in buildings. | |
| 305/2011/EU (CPR): EN 54-11 ; 2014/30/EU (EMC): EN 50130-4 / EN 61000-6-3 ; 2011/65/EU (RoHS): EN 50581 | | |
| The declared performance and conformity can be seen in the Declaration of Performance (DoP) and the EU Declaration of Conformity (DoC), which is obtainable via the Customer Support Center: Tel. +49 89 9221-8000 or http://siemens.com/bt/download | | |
| DoP No.: 0832-CPR-0774; DoC No.: CED-FDM1101 | | |

| | | |
|---|--|--|
| 08  0832 | FDM1101A-RG / FDM1101A-RP | Siemens Switzerland Ltd; Gubelstrasse 22 CH-6301 Zug Technical data: see doc. A6V10201152 |
| | FDM1101A-RG, FDM1101A-RP - Manual callpoint for use in fire detection and fire alarm systems installed in buildings. | |
| 305/2011/EU (CPR): EN 54-11 ; 2014/30/EU (EMC): EN 50130-4 / EN 61000-6-3 ; 2011/65/EU (RoHS): EN 50581 | | |
| The declared performance and conformity can be seen in the Declaration of Performance (DoP) and the EU Declaration of Conformity (DoC), which is obtainable via the Customer Support Center: Tel. +49 89 9221-8000 or http://siemens.com/bt/download | | |
| DoP No.: 0832-CPR-0775; DoC No.: CED-FDM1101A | | |

Manual call points FDM1101-Rx, FDM1101A-Rx (recessed mounting)



Manual call points FDM1101-Rx, FDM1101A-Rx with back box FDMH295-x (surface mounting)



When mounting protective cover FDMC295 on manual call points, the depth dimension increases by 7 mm accordingly.

Issued by
Siemens Switzerland Ltd
Building Technologies Division
International Headquarters
Gubelstrasse 22
CH-6301 Zug
Tel. +41 41-724 24 24
www.siemens.com/buildingtechnologies

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