Fire Alarm Systems | FMC-120-DKM Manual Call Points

FMC-120-DKM Manual Call Points

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The FMC-120-DKM Manual Call Points handle manual alarm triggering and are used with conventional technology.

**Functions**

1. In the event of an alarm, the glass pane (2) is broken first, then the manual call point (3) is pressed hard. This activates the micro switch for alarm triggering and the indicator LED (4) blinks. A locking mechanism holds the pressed manual call point.
2. The manual call point can be reset with the reset lever (5). The indicator LED (4) goes out. This does not reset the alarm on the fire panel.

**Variants**

The design of the manual call points for indoor (form G) and outdoor use (form H) are identical. Three color variants, red, blue, and yellow are available. Detectors for outdoor use (form H) have a cover equipped with a seal.

**Certifications and approvals**

<table>
<thead>
<tr>
<th>Type Number</th>
<th>Complies with</th>
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<tbody>
<tr>
<td>FMC-120-DKM-G-Y</td>
<td>EN12094-3:2003</td>
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<tr>
<td>FMC-120-EST-G-B</td>
<td>EN12094-3:2003</td>
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</tbody>
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<thead>
<tr>
<th>Region</th>
<th>Regulatory compliance/quality marks</th>
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<tbody>
<tr>
<td>Europe</td>
<td>Ex 01 ATEX 2163 X OTC/OC 310/410, OT/0/T 300/400, DKM/SKM 120, DM/SM 210, MPA_01 ATEX 2163 X</td>
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<tr>
<td>Germany</td>
<td>VdS G 298061 FMC-120-DKM-G-R/H-R_G298061</td>
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### Installation/configuration notes

- Manual call points have to be mounted visibly along escape and rescue routes (e.g. exits, passageways, stairwells) and be easily accessible.
- An installation height of 1400 mm ±200 mm, measured from the middle of the manual call point to the floor, must be maintained.
- Manual call points must be illuminated sufficiently with daylight or another light source (including emergency lighting, if present).
- Max. one test detector may be used for primary lines together with automatic detectors. The test detector is connected at the end of the primary line.
- Further standards, guidelines and planning recommendations regarding the installation location etc., should also be taken into consideration (see Fire Detection manual).
- Regulations of local fire departments must be observed.

### Installation

- Cables can be inserted surface-mounted or flush-mounted.
- Installation in fire hose cabinets is possible in three ways:

### Technical specifications

#### Electrical

- **Operating voltage**: 24 V DC (16.2 V DC . . . 30 V DC)
- **Current consumption**: Specified by the respective security system

#### Mechanics

- **Dimensions (W x H x D)**: 135 x 135 x 37 mm / 5.31 x 5.31 x 1.4 in.
- **Housing material**: Plastic (ASA)
Colors

| Red, RAL 3001 | Blue, RAL 5005 | Yellow, RAL 1003 |

Weight

Approx. 224 g

Environmental conditions

<table>
<thead>
<tr>
<th>Protection class as per EN 60529</th>
<th>Form G (indoor area)</th>
<th>Form H (outdoor area)</th>
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<tr>
<td>IP 52</td>
<td>IP 54</td>
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</tbody>
</table>

Norm

| FMC-120-DKM-G-Y, FMC-120-EST-G-B | EN 12094-3 |

Permissible operating temperature

| Form G (indoor area) | -10 °C . . . +55 °C / 14 °F ... 131 °F |
| Form H (outdoor area) | -25 °C . . . +70 °C / -13 °F ... 158 °F |

Ordering information

**FMC-120-DKM-G-B** Manual call point indoor, blue
Manual Call Point for indoor use, indirect triggering (type B), conventional technology
Order number **FMC-120-DKM-G-B**

**FMC-120-DKM-G-R** Manual call point indoor, red
Manual Call Point for indoor use, indirect alarm triggering (type B), conventional technology
Order number **FMC-120-DKM-G-R**

**FMC-120-DKM-G-Y** Manual call point indoor, yellow
Manual Call Point for indoor use, indirect triggering (type B), conventional technology
Order number **FMC-120-DKM-G-Y**

**FMC-120-DKM-H-B** Manual call point outdoor, blue
Manual Call Point for outdoor use, indirect triggering (type B), conventional technology
Order number **FMC-120-DKM-H-B**

**FMC-120-DKM-H-R** Manual call point outdoor, red
Manual Call Point for outdoor use, indirect alarm triggering (type B), conventional technology
Order number **FMC-120-DKM-H-R**

**FMC-120-EST-G-B** Manual stop device, indoor, blue
Electronic Stop Device for indoor use, indirect triggering (type B), conventional technology
Order number **FMC-120-EST-G-B**

Accessories

**FMC-FST-DE** Foil set, transparent
For yellow and blue manual call points of the series FMC-120 and FMC-210, 1 unit = 5 sheets
Order number **FMC-FST-DE**

**FMC-SPGL-DEIL** Spare glass
For manual call points of series DM, DKM, SKM, FMC-120 and FMC-210, 1 unit = 5 spare glasses
Order number **FMC-SPGL-DEIL**

**FMM-KEY-FORM G/H** Key for manual call point made of red plastic (ASA)
Order number **FMM-KEY-FORM G/H**