



BOSCH
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FMC-120-DKM Manual call points

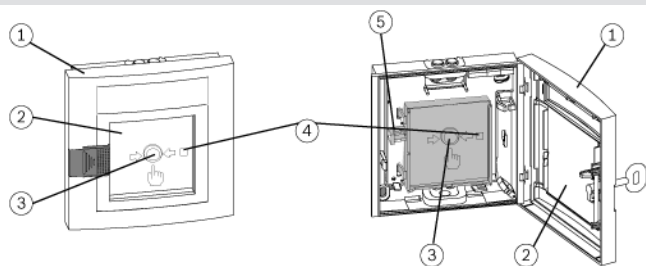


- Adjustment of the manual call point after alarm triggering
- Indicator LED for alarm or for inspection evaluation
- Second contact with connections for panel control
- Variants for indoor and outdoor use

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

Detectors for outdoor use (form H) have a cover equipped with a seal.

Functions



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.

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.

Certifications and Approvals

VdS-approval number

FMC-120-DKM-G-R: **G 298 061**

FMC-120-DKM-H-R: **G 298 061**

FMC-120-DKM-G-Y: **G 206 079**

FMC-120-EST-G-B: **G 206 080**

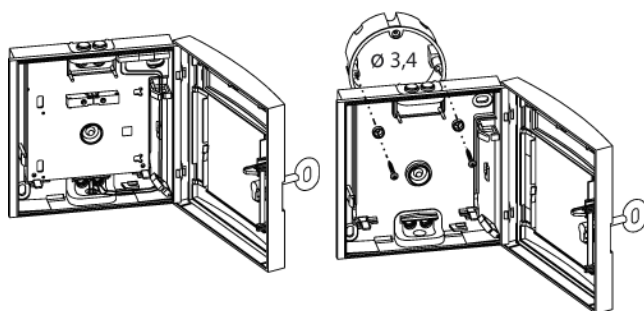
Installation/Configuration Notes

- 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 \pm 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.

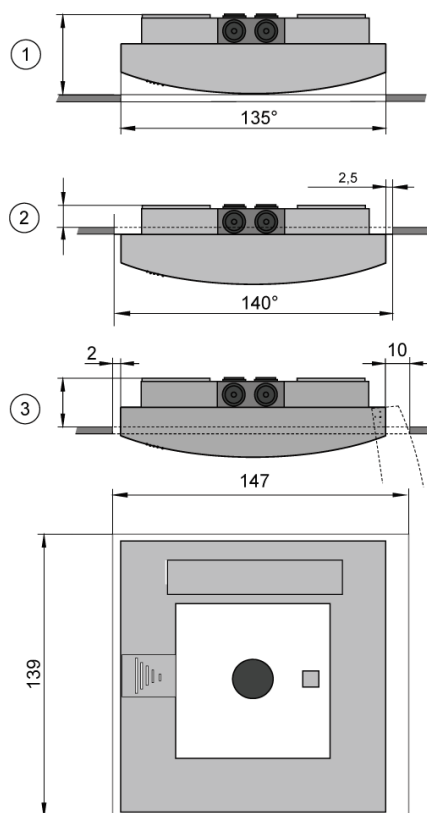
- Further standards, guidelines and planning recommendations regarding the installation location etc., should also be taken into consideration (see Fire Detection manual).
- Regulations of local fire departments must be observed.

Installation

- Cables can be inserted surface-mounted or flush-mounted.



- Installation in fire hose cabinets is possible in three ways:



Pos.	Description
1	Installation depth version 1: 36 mm
2	Installation depth version 2: 14 mm
3	Installation depth version 3: approx. 30 mm

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

Protection category as per EN60529	
Form G (indoor area)	IP 52
Form H (outdoor area)	IP 54
Norm	
FMC-120-DKM-G-R, FMC-120-DKM-H-R	EN 54-11
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-R Form G red for triggering the alarm manually using conventional technology Conventional manual call point for indoor use, indirect triggering (type B)	FMC-120-DKM-G-R
FMC-120-DKM-H-R Form H red for triggering the alarm manually using conventional technology Conventional manual call point for outdoor use, indirect triggering (type B)	FMC-120-DKM-H-R
FMC-120-DKM-G-B Form G blue for triggering the alarm manually using conventional technology Conventional manual call point for indoor use, indirect triggering (type B)	FMC-120-DKM-G-B
FMC-120-DKM-H-B Form H blue for triggering the alarm manually using conventional technology Conventional manual call point for outdoor use, indirect triggering (type B)	FMC-120-DKM-H-B

Ordering Information

FMC-120-DKM-G-Y Form G yellow for triggering the alarm manually using conventional technology Conventional manual call point for indoor use, indirect triggering (type B)	FMC-120-DKM-G-Y
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FMC-120-EST-G-B Form G blue for triggering the alarm manually using conventional technology Conventional electronic stop device for indoor use, indirect triggering (type B)	FMC-120-EST-G-B
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Accessories

FMX-FSO-GLT 10 Punched, self-adhesive foil sets (blank) For the labeling field of conventional manual call points of the series FMC-120. 1 unit = 10 sheets	FMX-FSO-GLT
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FMC-FST-DE 5 Printed labeling foils for the upper label field For yellow and blue manual call points of series FMC-120 and FMC-210. 1 unit = 5 sheets	FMC-FST-DE
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FMC-SPGL-DEIL 5 Spare glasses For manual call points of series DM, DKM, SKM, FMC-120 and FMC-210. 1 unit = 5 spare glasses	FMC-SPGL-DEIL
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Key for fire detectors types G and H made of red plastic (ASA)	FMM-KEY-Form G/H
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Sign with label "Nicht in Betrieb" Metal sign for fire detectors form G or H	FMM-SIGN
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