

# Manual call points and manual triggering devices

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- **IQ8 manual call points for connection to the esserbus® / esserbus® PPlus fire detection systems 8000 and IQ8Control**
- **Conventional manual call points for universal application in systems such as fire alarm systems and extinguishing**
- **In compliance with the requirements stipulated in the EN-54-11 regulations**
- **Electronic modules can be selected depending on the application area**
- **The detector housing is available in five different colours**
- **Surface mount as well as flush mount installation**
- **Slimline design**
- **Test function, reset and opening with the standard housing key which is part of the scope of delivery**



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## Greater diversity all along the line

Novar's diverse strategy consistently allows best economical solutions, covering the whole range from cost-saving electronic modules for conventional manual call points to loop compatible electronic modules for IQ8 manual call points.

For reduced storage expenses and easy maintenance, we simply choose the appropriate housing for each electronic module - depending on the application area. That way, we can guarantee that for each application and the desired alarm triggering, the optimum electronic module and housing combination is selected.

## Planning information:

When using the detector as a manual call point, a red housing and the standardised symbols in compliance with EN 54-11 must be used. These standardised symbols are provided on site. According to standard specifications other labelling and housing colours cannot be used as manual call points but as manual triggering devices.

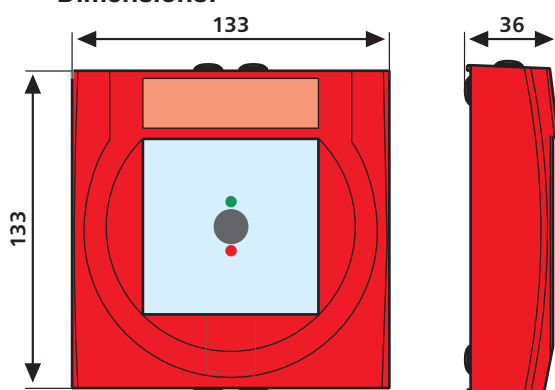
When adding the optional protective tube option (Part No. 781693) and the corresponding accessory items (Part No. 781699), the standard protection type for detectors can be increased from IP 44 to IP 55

## Electronic module for conventional manual call points

The electronic modules for IQ8 manual call points cover a wide range of application areas and are connected as esserbus® or powered loop users via the 8000 and IQ8Control fire alarm system loops. The built-in microprocessor provides the following functions: alarm latch, alarm indicator and soft address coding. Further, an external detector line with conventional manual call points can be connected to the electronic module.

To ensure the operability of the fire alarm system in case of short circuit or a fracture within the primary loop, a zone isolator is already integrated in each module.

### Dimensions:



### Available colors:



### Specifications

Version	Conventional	IQ8 manual call point
Operating voltage range:	8V DC to 30V DC	8V DC to 42V DC
Rated voltage:	9V DC	19V DC
Quiescent current		approx. 45µA @ 19V DC
Alarm current:	approx. 9mA @ 9V DC	
Emergency operation alarm :		approx. 18mA
Contact load S2:	max. 30V DC / 1A	
No. of detectors/zone:	10 detectors per zone (as per VdS)	max. 127 detectors per loop
Operating indicator:		flashing LED 1, green
Alarm indicator:	LED, red	flashing LED 2, red
Connection terminals:	max. 2.5mm <sup>2</sup>	
Application temperature:	-20 °C to +70 °C	
Storage temperature:	-30 °C to +75 °C	
Type of protection:	IP 44 (in the housing)	IP 44 (in the housing)
	IP 55 (with 781693 + 781699)	IP 55 (with 781693 + 781699)
Weight with housing:	approx. 236g	
Housing dimensions (W x H x D):	133 x 133 x 36mm	
Detector specification:	EN 54-11, Type B	
VdS approval:	G 205001	
		G 205002

### Order Information:

		Part No.
Electronic module	Conventional	804900
	Conventional with 2. microswitch	804901
	IQ8 with zone isolator and ext. d-line	804905
	IQ8 with relay output	804906
Housing	ASA plastic red, similar to RAL 3020 (for manual call points)	704900
	ASA plastic blue, similar to RAL 5009	704901
	ASA plastic yellow, similar to RAL 1021	704902
	ASA plastic orange, similar to RAL 2011	704903
	ASA plastic green, similar to RAL 6002	704904
Accessories	Spare glass (package unit: 10 pcs)	704910
	Protective cap (German labelling)	781693
	Spacer for protective cap	781698
	IP 55 kit for protective cap	781699

Further information is provided in our fire alarm catalogue.