

# MANUAL CALL POINT WITH SELFVERIFY - BF-502

Interactive fire detection systems  
Produktdatablad

## Features

- Manual call point for use in harsh environmental conditions
- Weatherproof
- Corrosion resistant GRP
- Protection degree IP66
- Short circuit isolator in each unit
- Automatic addressing
- Proven technology
- With SelfVerify function for reduced maintenance/testing and increased reliability
- Designed to meet the requirement of the major maritime classification societies

## Applications

BF-502 is a manual call point for use in harsh environmental conditions. The call point has been designed for use with Autronica's interactive fire detection system, and comprises the SelfVerify function. This function ensures the highest grade of reliability and the lowest degree of manual testing, because all units comprising this function are automatically self-tested once every 24 hours.

The high IP degree and mechanical strength of the enclosure make the call point suitable for outdoor applications in industrial, maritime and offshore installations.

There is also a BF-502/N version for use in hazardous area zone 2. It must be connected to the BSD-310/N loop driver, but does not require an isolator/barrier unit.

The call point must be installed according to local regulations, which normally means along escape routes, landings and exits.

## Principle

- Break glass element
- Reset when a new glass is mounted

**SelfVerify:** The call point's ability to initiate alarms is regularly checked.



## Versions

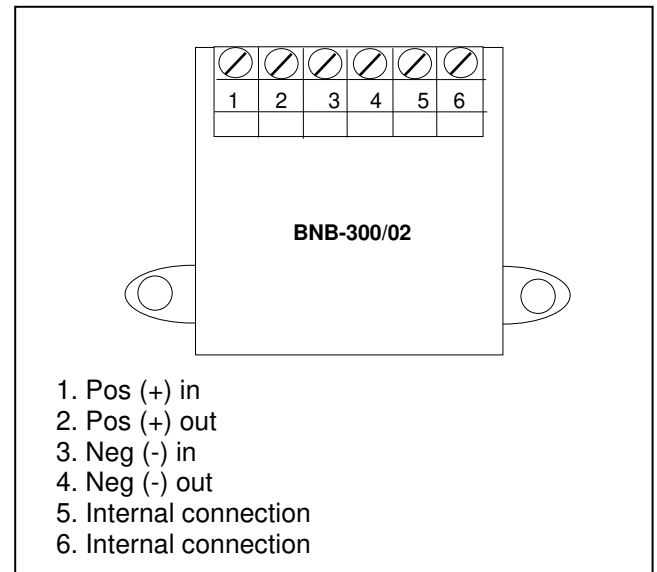
- BF-502 Manual call point with SelfVerify
- BF-502/EX\* Manual call point with SelfVerify  
Ex ia version for use in zone 0, 1 and 2
- BF-502/N\* Manual call point with SelfVerify  
Ex ic version for use in zone 2 only

\* See separate data sheet

| Technical specifications         |                             |
|----------------------------------|-----------------------------|
| Weight                           | 0,5 kg                      |
| Material                         | Glass, Reinforced polyester |
| Colour                           | Red                         |
| Voltage                          | 10 - 27 VDC                 |
| Current consumption<br>Stand by: | 0,3mA                       |
| Environm. requirement            | EN 54                       |
| Degree of protection             | IP66                        |
| Working temperature              | -25 - +70°C                 |
| Cable inlets                     | 2 x M20, 2 glands included  |
| Maintenance                      | Replace broken glass        |
| Service                          | Replace if faulty           |
| Approvals                        | See website                 |

| Part number        | Description                                              |
|--------------------|----------------------------------------------------------|
| 116-BF-502         | Manual call point with 2 glands (type 116-6571-011.1920) |
| <b>Accessories</b> |                                                          |
| 116-6571-011.1920  | GLAND ST M20X1,5 PG13,5 (1 pcs)                          |
| 116-4890-021.0001  | Lift flap PC                                             |
| 116-4890-021.0010  | Lift flap SS                                             |
| 116-BFG-3          | Glass for manual callpoint, without text                 |

## Connections



## Dimensions

