

# SMOKE SENSOR - DATASHEET

*Posted on 02-07-2026 by barpaadminuser*





SMOKE SENSOR

DESCRIPTION

The BS 230R Smoke Detector works in harmony with fire detection systems. It detects the presence of smoke in the environment and sends alerts, enabling a rapid response to potential hazards.

\*BirSens brand product integrated into the ORION solution



PHYSICAL CHARACTERISTICS

|                             |                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Code                        | 82450106001                                                                                                           |
| Dimensions (mm)             | 110x44                                                                                                                |
| Weight (kg)                 | 0,110                                                                                                                 |
| Operating Temperature       | -10 - 50°C                                                                                                            |
| Operating Relative Humidity | 10 - 93%                                                                                                              |
| Operating Power             | 9 - 24V DC                                                                                                            |
| Quiet Stream                | < 120 µA @ 24V DC                                                                                                     |
| Maximum Alarm Current       | < 30 µA @ 24V DC                                                                                                      |
| Contact Type                | Normally Closed                                                                                                       |
| Software                    | Orion Data Center Management                                                                                          |
| Mounting                    | Ceiling Mount                                                                                                         |
| Warning Notifications       | Message on the LCD screen; By email, text message and phone call; Audible alert; Siren; Notification in the ODCM app. |

Product developed and manufactured by BirSens.  
barpa provides this solution as an integral part of the ORION solution, ensuring system integration and customer support.

