



## Order No. | B02900-00

WGR 1200

SOTERIA  
Optical Smoke Detector

### PRODUCT FEATURES :

- Optical smoke detector based on the scattered light principle
- Integrated dual isolator
- Protocols: CoreProtocol, XP95, Discovery
- Also fits mechanically on XP95/Discovery sockets
- Degree of protection: IP44
- Integrated automatic idle value tracking
- 5 different EN54-certified operating modes (sensitivities) integrated in the detector and selectable via the control panel
- Output for remote indicator
- Detector head removal protection
- Addressable via XPERT8 card or by soft addressing via the control panel (only when using socket B02950-00)\*\*
- Up to 254 detectors (+ 254 base signal heads) per loop!  
\*\*
- PureLight technology reduces the risk of false alarms

and significantly increases the reliability of fire detection.

- 3-color 360° LED (alarm, fault or isolator active, polling)
- FasTest feature for quick detector testing significantly reduces service times\*\*

Warning: Functions marked with \*\* require the use of CoreProtocol (implementation in progress).

### TECHNICAL DATA

Operating voltage	17 – 35 V
Quiescent current normal	350 µA
Temperature range	-40°C to +70°C
Relative humidity	up to max. 95%*
Color	white (similar to RAL 9003)
Dimensions (Ø x H)	100 x 36 mm
Dimensions (Ø x H)	100 x 48 mm ( with base)
Weight	83 g
Housing Material	PC (V-0 / UL 94)

### CERTIFICATIONS

VdS-Nr	G 216027
CE-Certificate	0832-CPR-F0755

\*Deviations with condensation/icing possible.