

## LHD N45-SERIES



# INTRODUCING THE NEW STANDARD FOR FIBER OPTIC LINEAR HEAT DETECTION

We're proud to be raising the standard for fiber optic Linear Heat Detection (LHD) once again with AP Sensing's N45-Series. With the **longest certified range** on the market & even **faster fire detection** than before, the N45-Series LHD offers a perfect trio with improved performance, reliability & ease of use.

### Performance

- Longest certified range in the market (up to 16 km)
- Up to 4 channels for all distance ranges
- Fastest fire detection due to significantly improved measurement times
- Simultaneous measurement with two differently optimized configurations for precise temperature monitoring and faster fire detection

### Reliability

- Decades of engineering experience ensures MTBF of 35 years
- State-of-the-art IT security standards
- Rugged housing design for outdoor and heavy-duty applications
- Extensive testing for shock, vibration and temperature stress

### Ease of Use

- Fully integrated web server with simple configuration via browser
- 2000 alarm zones configurable per channel
- Automatic, one-click validation of compliance configuration settings
- Up to 98 integrated relay contacts
- Approved according to both EN 54-22 (VdS) and UL 521 (UL)





	Fiber Optic LHD	Multipoint LHD	Analog LHD	Digital LHD
Lightweight Cable, Simple Installation	✓	✗	✓	✓
Simultaneous Detection of Multiple Events	✓	✓	✗	✗
Resettable Detector	✓	✓	✓	✗
Flexible Alarm Parameters	✓	✓	✓	✗
Flexible Zoning	✓	✓	✗	✗
Gapless Temperature Measurements	✓	✗	✗	✗

## Ideally Suited for Industrial Applications

- Different housing designs available for the best fit
- Inherently safe operation in explosive environments
- Certified according to ATEX and IECEx for the most critical areas
- SIL-2 rated system



## Why Choose AP Sensing?

- The leader in fiber optic LHD – with the best performance, highest reliability, and low cost of ownership
- Projects in all regions in the world – more than 600 customers in 70 countries
- World-class service, support, and training from AP Sensing's regional offices
- All products are fully certified and in compliance with internationally recognized standards
- Engineered & made in Germany

## WATCH OUR APPLICATION VIDEO

<http://youtu.be/ZpbPlxD6P5U>



## WANT TO KNOW MORE?

Contact our experienced, multilingual team



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