

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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