



Linear Heat Series N4387B

Specifications

Each DTS instrument must pass defined test limits and is individually tested before shipping. This ensures that every DTS unit will meet or exceed the specifications in this datasheet. Adhering to our stringent quality control measures guarantees optimal performance and a long product life.

DTS Specification – Typical Performance

	Linear Heat Series N4387B					
Instrument option	-001	-002	-004	-006	-008	-010
Distance range	1 km	2 km	4 km	6 km	8 km	10 km
Minimum sampling interval	0.25 m					
Spatial resolution	0.5 m to 8.0 m (adjustable)					
Channel options	1 (N4387B-100) 2 (N4387B-200) 4 (N4387B-400)					
Measurement time	10 s to 30 s (adjustable)					
Available measurement modes	Single ended; Dual ended (loop, incl. fiber break recovery, not with channel option N4387B-100)					
Average laser output power	< 20 mW					
Fire Certifications	EN54-22 (VdS) / UL 521 / ULC S530 / FM					
ATEX certification	EX II (1) GD; I M2					



Interfaces	
Optical connector	E2000 APC 8° angled; 50/125 µm graded index MM
Computer interface	USB, Ethernet (LAN)
Communication protocol	SCPI; Modbus TCP (option -060)
Relay board	4 inputs, 44 outputs (volt-free contacts)

Other	
Power supply	10 V to 30 V DC
Power consumption	17 W typically, at 20 °C ambient temperature; <40 W (entire operating conditions)

Housing & Environmental Conditions		
Housing option	-H01D (19" rack)	-HW2D (Outdoor with window, IP66)
Operating temperature range	-10 °C to +60 °C	
Storage temperature range	-40 °C to +80 °C	
Operating humidity range	0% to 95% r.h. non-condensing	
Dimensions	88 x 448 x 364 mm	500 x 400 x 150 mm
Weight	9 kg	17 kg
Certifications	EN54-22 (VdS) / UL 521 / ULC-S530 / FM	



H01D: 19" rack model



HW2D: Outdoor housing with window, IP66

Product specifications and descriptions in this document are subject to change without notice and are not binding to AP Sensing.