

Features	VESDA-E	VESDA							Industrial Products	
	VEU	VLP	VLS	VLC VESDAnet (VN)	VLC Relays Only (RO)	VLF 250/500	VLQ	VFT-15	Industrial VESDA VLI	VLC-EX
<b>Worldwide Approvals</b>	UL, ULC, VdS, CE Mark	LPCB, VdS, AFNOR, UL, ULC, UL268A (in-duct application), FM, NY-MEA, CSFM, ActivFire, CCCF, VNIPO					UL, EN	VdS, UL, ULC, FM, AFNOR, VNIPO	UL, ULC, FM, ActivFire, LPCB, VdS	ATEX, IECEx, UL, FM Hazardous
<b>Hazardous Area Approval (FM Class 1, Div 2, Groups A, B, C, D)</b>	No	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes
<b>Min Fire 1 Threshold</b>	0.001% obs/m (0.0003% obs/ft)	0.015% obs/m (0.0046% obs/ft)				0.025% obs/m (0.008% obs/ft)	0.15% obs/m (0.046% obs/ft)	0.01% obs/m (0.003% obs/ft)	0.15%/m (0.046%/ft)	0.015% obs/m (0.0046% obs/ft)
<b>Detection Range</b>	0.001 - 20.0% obs/m (0.0003 - 6.0% obs/ft)	0.005 - 20% obs/m (0.0015 - 6.0% obs/ft)				0.025 - 20% obs/m (0.008 - 6.0% obs/ft)	0.005 - 3.0% obs/m (0.0015 - 0.915% obs/ft)	0.001 - 20% obs/m (0.0003 - 6.0% obs/ft)	0.005 - 20.0% obs/m (0.0015 - 6.0% obs/ft)	0.005 - 20% obs/m (0.0015 - 6.0% obs/ft)
<b>Two Stage Filter</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Patented Intelligent Filter Secondary Foam Filter Sub-sampling Probe	Yes
<b>Area Coverage (Maximum)</b>	2,000 m <sup>2</sup> (20,000 sq ft)	2,000 m <sup>2</sup> (20,000 sq ft)	2,000 m <sup>2</sup> (20,000 sq ft) across 4 sectors	800 m <sup>2</sup> (8,000 sq ft)	800 m <sup>2</sup> (8,000 sq ft)	250/500 m <sup>2</sup> (2,500/5,000 sq ft)	100 m <sup>2</sup> (1,000 sq. ft)	1,500 m <sup>2</sup> (15,000 sq ft) across 15 sectors	2,000 m <sup>2</sup> (20,000 sq. ft)	800 m <sup>2</sup> (8,000 sq.ft)
<b>Multiple Pipe Addressability</b>	No	No	Up to 4	No	No	No	No	Up to 15	No	No
<b>Total Number of Alarm Thresholds</b>	4 (Day/Night)	4 (Day/Night)	16 (Day/Night)	3	3	4 (Day/Night)	2	60 (Day/Night)	4 (Day/Night)	3
<b>Relay Outputs</b>	7	7	7 or 12 relays	3	3	3 (Expandable to 6)	3	5 (Expandable to 21)	5	3
<b>On-board Memory (Max. Events)</b>	20,000	18,000	18,000	12,000	12,000	18,000	Up to 1,000	Up to 20,000	18,000	12,000
<b>Flow Sensor Circuit (one per pipe inlet)</b>	4	4	4	1	1	1	1	1 + 1 in chamber	5	1

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<b>AutoLearn™ (Smoke/Flow)</b>	AutoLearn Smoke™ AutoLearn Flow™	Yes (Smoke)	Yes (Smoke)	Yes (Smoke)	Yes (Smoke)	AutoLearn Smoke™ AutoLearn Flow™	Yes (Smoke)	No	AutoLearn Smoke™ AutoLearn Flow™	Yes (Smoke)
<b>EN54-20 Max. no of Holes (Class A / B / C)</b>	80 / 80 / 100	30 / 60 / 100	40 / 40 / 60	30 / 36 / 40	30 / 36 / 40	VLF 250 12 / 12 / 12; VLF 500 30 / 30 / 30	4 / 4 / 4	15 / 15 / 15	24 / 28 / 60	30 / 36 / 40
<b>Bar Graph/Indicator LED</b>	3.5" Colour Touch Screen	Local or Remote (20 segment bargraph display)	Local or Remote (20 segment bargraph display)	Local (5 on-board LEDs). Remote (20 segment bargraph display)	Local (5 on-board LEDs)	Local (7 on-board LEDs 10 Segment Circular Display) Remote display when fitted with VESDAnet card	Local (5 onboard LEDs) 2x7-segment LED display	Yes	Local (5 in line on-board LEDs) Remote display for VLI-885	As per VLC (VN) & VLC (RO)
<b>Programming Tools - On-board Programming module - Handheld Programmer - PC Software (VSC, VSM) via VESDAnet™</b>	PC Software (VSC, VSM4 Host mode USB)	Yes	Yes	Yes	Programmed via RS232 direct connection to PC using VSC™	Programmed via RS232 direct connection to PC using VSC™ or Programmer when VN card is fitted	Onboard DIP switches Xtralis QSC	On-board programmer and PC Software (VSC/VSM4)	BACnet over Ethernet Local USB configuration port Connection to PC using VSC/ VSM4 Programmer for VLI-885	As per VLC (VN) & VLC (RO)
<b>VESDAnet™</b>										
<b>Max. No. of devices/ detectors per loop</b>	200/100	200/100	200/100	200/100	N/A	200/100 (with VN Card)	N/A	N/A	200/100 (VLI-885)	200/100 (VN version)
<b>Max. Distance between Devices</b>	1,300 m (4,000 ft)	1,300 m (4,000 ft)	1,300 m (4,000 ft)	1,300 m (4,000 ft)	N/A	1,300 m (with VN Card)	N/A	N/A	1,300 m (4,000 ft) (VLI-885)	1,300 m (VN version)
<b>Computer-based Management via VSM</b>	Yes	Yes	Yes	Yes	No	Yes	N/A	Yes	Yes	Yes (VN version)
<b>Remote Relay Modules - 7 relay version - 12 relay version</b>	VRT-500 N/A	VRT-500 N/A	VRT-501 VRT-900	VRT-500 N/A	N/A	VRT-500 N/A	N/A	N/A	VRT-500 N/A	VRT-500 (VN version)
<b>Compatible Remote Bargraph Displays - Display, 7 relays - Display, 12 relays - Display, no relays</b>	VRT-200 N/A VRT-600	VRT-200 N/A VRT-600	VRT-400 VRT-800 VRT-700	VRT-J00 N/A VRT-K00	N/A	VRT-V00 N/A VRT-W00 (with VN Card)	N/A	N/A	VRT-Q00 N/A VRT-T00 (VLI-885)	As per VLC (VN) & VLC (RO)

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