

WHAT ARE THE DIFFERENCES BETWEEN THE LPT-B AND PET?



Type of Gas Detector	Digital (BACnet®) standalone and/or network	Digital (BACnet®) network only
User Interface	Graphic LCD, hall effect sensors and push buttons for calibration and configuration	Optional 4-digit LED display, one tri-colour LED indicator
Enclosure	ABS/polycarbonate, copper coated interior to reduce RF interference 127 x 127 x 71 mm (5 x 5 x 2.8 in) IP54 rated with optional factory installed splash guard	Standard ABS plastic 127 x 89 x 38 mm (5.0 x 3.5 x 1.5 in)
Alarm	Standard internal buzzer	None
# of Channels	1, 2 or 3	1 or 2
Internal Sensor Options	Electrochemical (CO, NO ₂ , NH ₃ , ClO ₂ , Cl ₂ , C ₂ H ₄ , C ₂ H ₄ O, F ₂ , CH ₂ O, H ₂ , H ₂ S, HCL, HCN, HF, NO, O ₂ , O ₃ , PH ₃ , SiH ₄ , SO ₂)	Electrochemical (CO, NO ₂ , NH ₃ , C ₂ H ₄ , CH ₂ O, H ₂ , NO, O ₂ , SO ₂), Solid State combustibles (H ₂ , CH ₄ , C ₃ H ₈) and Refrigerants (listed below)
Remote Sensor Options	Catalytic combustibles (H ₂ , CH ₄ , C ₃ H ₈), Refrigerants (R22, R134A, R402A, R404A, R407C, R410A, R422D, R438A, R507A) and PID and Solid State TVOCs	Solid State combustibles (H ₂ , CH ₄ , C ₃ H ₈) Refrigerants (R22, R134A, R402A, R404A, R407C, R410A, R422D, R438A, R507A) and Solid State TVOCs
Output	BACnet® MS-TP communications	BACnet® MS-TP communications
Power Requirement	16-30 VDC, 3W 12-27 VAC, 50-60 Hz, 3 VA	24 VDC
Relays	1 SPDT, rated 30V, 2 amps max	None
Certifications	CSA, CE, UL, FCC, Listed by BTL	Listed by BTL
Value Added Options (factory installed)	1. Internal heater (-H) 2. Splash guard (-S)	1. LED digital display (-N) 2. Remote Housing (-R)

In Summary: The LPT-B can be configured to operate as a standalone fixed system or be part of a digital network. It has a display, three gas channels, a larger selection of gas sensors, a relay, and comes in a standard water / dust tight, corrosion resistant enclosure which is IP54 rated with the optional splash guard installed.



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