



Mulberry gas sensor with 4-Pin now available

Introducing Mulberry 4P sensors, elichens 4-Series NDIR Gas Sensor with 4-Pin, expanding on the existing 5-Pin sensor

We are thrilled to announce the launch of our latest innovation, the Mulberry 4P sensor, as part of eLichens' esteemed 4-Series NDIR Gas Sensors. This new addition features a **4-pin** design, making it a true plug-and-play solution that fits effortlessly into your existing systems.

The Mulberry 4P leverages advanced dual-channel NDIR Ultra-Low power technology to deliver precise and reliable gas monitoring. Designed with compatibility in mind, it serves as a direct replacement for older 4-pin sensors, allowing for straightforward upgrades without the need for any hardware or software changes.

Key Features of the NEW Mulberry 4-Pin Version:

- **Ultra-Low Power Consumption:** Average < 2mW. The Mulberry 4P optimizes efficiency with ultra-low power consumption, enabling the use of smaller batteries and significantly extending battery life. This makes it ideal for compact, long-lasting devices.
- **Plug & Play Compatibility:** The 4-pin Mulberry sensor ensures seamless integration with existing systems, offering plug-and-play replacement for any standard 4-Series sensor types.
- **Industry-Standard/Market Form Factor:** The 4-pin Mulberry sensor is designed to meet industry-standard 4-Series specifications, ensuring direct compatibility and ease of use in a compact, versatile design.
- **Market Communication Protocol Compatibility:** Mulberry 4P is market commands compliant and with Digital UART interface, with no need to change your hardware or software, enhancing interoperability and integration with diverse gas detection systems.
- **Robust Gas Sensing:** Mulberry 4P is ATEX (Zone 0), IECEx, UL/CSA HazLoc certified and 60079-29-1 performance compliant. The sensor is temperature compensated. Built to withstand thermal shock challenges commonly encountered in gas sensing applications, ensuring consistent and reliable performance in varying environmental conditions.
- **Ideal for Portable and Fixed Gas Detectors:** Whether for portable or fixed gas detectors, the 4-pin Mulberry excels in versatility and performance, delivering accurate methane detection without deviation in various settings.

Mulberry 4-Pin (20.2mm diameter) next to a US nickel (21.21mm diameter).



Experience the future of methane detection technology with the Mulberry 4-Series NDIR sensor in its streamlined **4-pin** design.

For more information, [download the datasheet](#) or [contact us here](#) or at info@elichens.com.