

ANDERSON NEGELE L3 NEO LEVEL AND PRESSURE TRANSMITTER

L3A S

Standard Stem - Contact us for full part number configuration or use attached data sheet.

- Advanced Temperature Compensation
- Immediate Volume, Level, or Pressure Outputs
- Integrated Solutions for Tank Linearization and Density Adjustments
- Durable and Reliable Design
- Flex-Hybrid Connectivity



PRODUCT DESCRIPTION

Experience unparalleled precision with the L3 Neo, now featuring the latest advancements in level and pressure measurement technologies. This high-precision instrument is tailor-made for challenging applications, ensuring accurate control and monitoring even under varying high temperatures and in compact vessel configurations. Equipped with state-of-the-art temperature compensation, the L3 Neo dramatically reduces errors due to temperature fluctuations, maintaining steadfast accuracy.

With its innovative Flex-Hybrid Technology, the L3 Neo combines IO-Link connectivity with traditional 4...20 mA outputs, facilitating flexible and straightforward integration into diverse systems. Enhancements like integrated tank linearization and density compensation add to its versatility and robustness, making it suitable for the most demanding production environments. The device is also field-repairable, allowing for adjustments such as display reorientation or component replacement without compromising precision. Available now, the L3 Neo, including a specialized Life Science version, redefines what's possible in measurement precision and reliability.

- Advanced Temperature Compensation: Minimizes measurement errors due to temperature fluctuations, ideal for precise industrial processes.
- Immediate Volume, Level, or Pressure Outputs: Direct and accurate data delivery for streamlined monitoring and control in various applications.
- Integrated Solutions for Tank Linearization and Density Adjustments: Enhances accuracy in fluid measurements, crucial for chemical and pharmaceutical industries.
- Durable and Reliable Design: Built to withstand harsh production environments, featuring new, robust electronics for long-term performance.
- Flex-Hybrid Connectivity: Offers dual-output capabilities (IO-Link and 4...20 mA), providing flexible integration with existing systems.
- Field-Reconfigurable and Repairable Design: Enables easy modifications like display reorientation and part replacement on-site, maintaining precision without operational disruption.
- Specialized Life Science Version: Meets the exacting standards of the life sciences sector, ensuring compliance and reliability in sensitive applications

See the [datasheet](#) under 'Downloads' for information on part number configuration or contact pressureandflow@oem.co.uk

See the [datasheet](#) under 'Downloads' for information on part number configuration or contact pressureandflow@oem.co.uk

;

TECHNICAL DATA

Approvals

3-A, CE, CSA 22.2

| | |
|------------------------------------|---|
| Area of application | Food, Life Sciences, Pharma, Temperature, Air Pressure, Hygienic environment |
| Electrical connection | M16x1.5, M12 plug,5-pin |
| IP class | IP67, IP69K |
| Output signal | analog 4...20 mA/20...4 mA and HART 7.0, IO-Link, normally open relay (50 V DC, 50 mA, < 100 Ω ON resistance) |
| Temperature ambient from | -18 °C |
| Temperature ambient to | 71 °C |
| Temperature operational max | 110 °C |
| Temperature operational min | -18 °C |