



Z19

The Z19 measuring module, part of the Z series, is a universally applicable measuring module for controlling oxygen sensors and converting the raw sensor signals into residual oxygen content. The calculated residual oxygen content is based on the Nernst principle. The Z19 measuring module is designed for mounting on a DIN rail or alternatively for wall mounting. One freely configurable 0/4-20 mA output and one alarm relay output are available. Configuration is carried out via the integrated BT interface and the freely available Metrotec app. A sensor from the A series is required for operation.

Product highlights:

- Freely configurable mA outputs
- Freely configurable measuring range
- Alarm relay
- Switchable between Lin/Log (from the manufacturer)
- Easy operation via the Metrotec-APP
- Product variants to suit your application

Application examples:

- Additive manufacturing
- Semiconductor manufacturing
- Heat treatment systems
- Melting systems
- Soldering systems
- Welding systems
- Combustion systems
- Process gas monitoring
- Packaging systems

Technical data Z19

Measuring range	Lin 0 – 100 % Log $10^0 - 10^{-33}$
Supply voltage	22,6 – 26,4 V
Power incl. sensor	ca. 100 W
Ambient temperature	0 – 45 °C
Weight	ca. 0,5 Kg
Dimensions	ca. 40 x 130 x 120 mm

Combination options:

Z19:		Manual
A19-N	Flyer	Manual
A19-P	Flyer	Manual
A 23-N	Flyer	Manual
Accessories		Link