



U15-Digital

The U15-Digital measuring module, part of the U 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 U15-Digital measuring module is designed for DIN rail mounting. Depending on the version, one or two freely configurable 0/4-20 mA outputs and two alarm relay outputs are available. Configuration is carried out via the integrated BT interface and the freely available Metrotec app. A sensor from the A or C series is required for operation.

Product highlights:

- Freely configurable mA outputs
- Freely configurable measuring ranges
- Alarm relay
- Switchable between Lin/Log
- 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 U15-Digital

Measuring range	Lin 0 – 100 % Log $10^0 - 10^{-33}$
Supply voltage	12 - 24 V or 100 - 240 V
Power incl. sensor	approx. 100 W
Ambient temperature	0 – 45 °C
Weight	approx. 1,5 Kg
Dimensions	approx. 150 x 180 x 90 mm

Combination options:

U15-Digital:		Manual
A15-N	Flyer	Manual
A19-N	Flyer	Manual
A19-P	Flyer	Manual
A 23-N	Flyer	Manual
CMM/CSM	Flyer	Manual
Accessories		Link