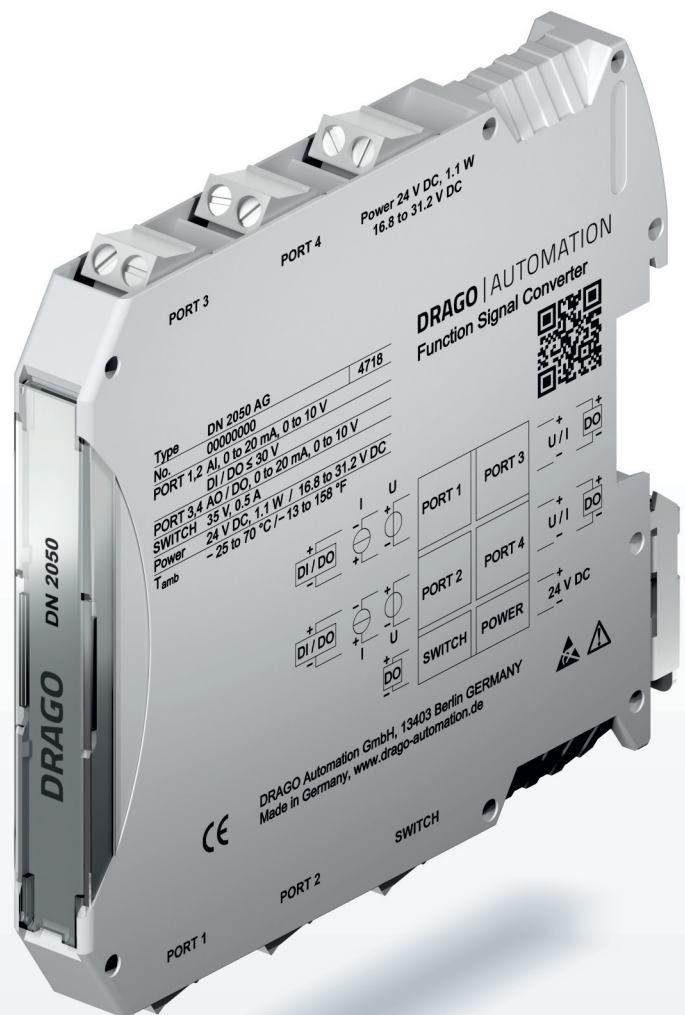


DN 2050

# FUNCTION SIGNAL CONVERTER



# 1 Converter – 1000 Solutions



- + Signal Splitter
- + Clipping Isolation Amplifier
- + Invers Isolation Amplifier
- + Split Range Isolation Amplifier
- + Signal Comparator
- + MIN/MAX Separator
- + 2-Channel Isolation Amplifier
- + Signal Distributor
- + Switch Amplifier
- + Limit Alarm Unit
- + Adder/Subtractor
- and many more

The Function Signal Converter DN 2050 offers four individually configurable I/O ports that can be used as analog or digital inputs or outputs. These I/O ports, as well as an additional switching output, can be combined as required using DRAGO's cross-port technology to implement various device functions. All I/O ports are fully isolated and protected against overvoltage, short-circuit and reverse polarity.

With the free PC software DRAGOsset all parameters can be set individually and thus numerous additional functions can be realized.



## Applications

- Special engineering
- Customized applications
- Retro-fit projects
- Signal pre-processing
- Standalone systems
- Decentralized controls

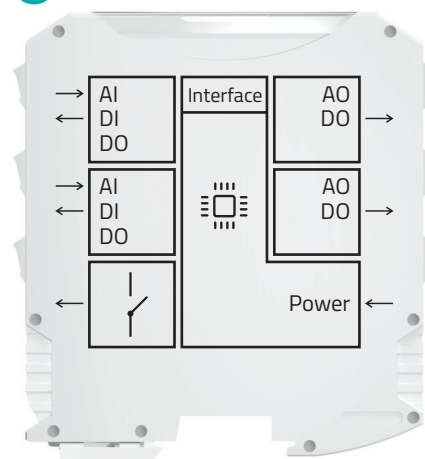


## Technical data

Analog inputs	freely scalable in the range 0 ... 20 mA, 0 ... 10 V
Analog outputs	freely scalable in the range 0 ... 20 mA, 0 ... 10 V
Digital inputs	5 V, 12 V, 24 V logic
Digital outputs	open collector, active logic
Switching output	32 V DC, 0.5 A
Galvanic isolation	all ports fully isolated, test voltage 3 kV AC, 50 Hz, 1 min
Measuring error	< 0.1 %
Configuration	PC software, programming interface DZU1201 required
Operating temperature	–25 °C ... +70 °C
Supply voltage	16.8 ... 31.2 V DC
Size (H x D x W)	99 x 114.5 x 12.5 mm



## Block diagram



## Our performance – your advantage

- Comprehensive product range
- Customer-specific special solutions
- Individual consulting and support
- Most modern production technology
- Certification according to ISO 9001
- 5 years warranty
- Made in Germany

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