



Electronics

Analogue Signal Conditioning

Catalogue

Electronics – Analogue Signal Conditioning

Product overview – Analogue Signal Conditioning

Intrinsically safe signal conditioners for hazardous area applications

Signal converters and monitoring components

Trip amplifier for monitoring AC/DC circuits

Signal converters and monitoring components in 6 mm width

Process monitoring

Indicators and configurable displays

Interface converter, AD/DA converter

Analogue Signal Conditioning Accessories

Fieldbus distributor

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Appendix

Weidmüller Service

Technical appendix/Glossary

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Search according to type or order number, Addresses worldwide

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X

Electronics – Analogue Signal Conditioning

Intrinsically safe signal converters – ACT20X Page B.4



- Analogue and binary signal interfaces to Ex Zone 0 / Division 1
- FDT/DTM software configurable
- 2 channel modules in 22.5 mm housing

Signal converters and monitoring components – ACT20P Page C.4



- Strain gauge transmitter for reading from load cells
- High levels of galvanic isolation and accuracy
- On-site calibration and TARE adjustment

Signal converters and monitoring components – WAVE TTA Page C.10



- Signal converter and trip amplifier in a single device
- Flexible software configuration
- AC and DC wide-range power supply

Signal converters and monitoring components – WAVE Page C.14



- A large selection of standard signal- and measurement isolators
- Simple to install and mounting on DIN-rails
- High level of galvanic isolation

Trip amplifiers for monitoring – WAVE Page D.2



- Monitoring DC and AC currents and voltages
- Current/voltage ranges and switching points can be set manually.
- Pluggable units for monitoring current – on DIN rail base

Signal converters and monitoring components, 6 mm – MICRO Page E.4



- Signal converters with galvanic isolation in slim design
- All-purpose 3-way isolator, supply isolator and temperature-measurement converter
- Easy to wire with MICROINTERFACE

Signal converter and monitoring components, 6 mm – MCZ Page E.18



- Signal converter in terminal format
- Passive isolator, temperature/frequency converter and threshold monitoring
- Simple wiring with pluggable cross-connection channels

Process monitoring – with display function Page F.4



- Monitoring for a variety of sensor types
- Two alarm channels with status displays
- Universally scalable, four-character LED display

Process monitoring – with no display function Page F.24



- Monitoring for a variety of sensor types
- Two alarm channels with LED status displays
- Front-side setpoint adjustments

LED displays with extended functionality

Page G.4



- Large four-character LED display
- 1/8"-DIN-standard front-panel with IP65 protection
- Integrated signal converter and trip amplifier

LCD displays

Page G.20



- Large 3.5-character LCD display
- 1/8"-DIN-standard front-panel with IP65 protection
- Power supply via 4 – 20 mA current loop

Interface converters

Page H.4



- RS232/ RS485/ TTY interface converter in WAVE housing
- RS-232 connection with SUB-D connector
- Bi-direction communication enabled

AD/DA converter

Page H.6



- 8-bit AD and DA converter
- Hold function for saving the current bit combination
- Mounting on DIN-rail

Configuration adapter

Page I.4



- USB interface adapter for configuring signal converters
- Compatible with ACT20X, WAVE TTA and ITX+ modules
- Simple installation with plug-in connector

Calibration device

Page I.6



- Measures and simulates voltage and current signals
- Adjustable continuous level and ramping functions
- Easy to adjust with buttons on front

Markers and cross-connectors

Page I.11



- Suitable MultiCard markers for all modules
- Pluggable cross-connectors for WAVE, MCZ and MICROSERIES

Fieldbus distributor for the non-EX zone

Page J.6



- Distributor for PROFIBUS-DP/-PA
- Optional surge protection and current limiting
- Versions with 1, 2, 4 and 8 connection for field devices

Fieldbus distributor for the EX zone

Page J.26



- Distributor for PROFIBUS-PA
- Versions with 1, 2, 4 and 8 connection for field devices
- External terminating resistor

