

Signal converters, trip amplifiers and process meters

Catalogue 2016/2017

Let's connect.

Analogue signal conditioning



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The PDF versions of our catalogues offer practical additional functions, helping you to find your way around our product range and simplifying the ordering process.

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- Internal page links
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Further Weidmüller product catalogues can be accessed by clicking the following:



Signal converters, trip amplifiers and process meters

Catalogue 4.1

Signal converters, trip amplifiers and process meters

Product overview - Analogue Signal Conditioning

Intrinsically safe signal conditioners for hazardous area applications

Signal converters in 6 mm width

Signal converters

Trip amplifier for monitoring AC/DC circuits

Indicators and configurable displays

Accessories Analogue Signal Conditioning

Appendix

Technical appendix/Glossary

Index

Search according to type or order number

Signal converters, trip amplifiers and process meters

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 converter, 6 mm – ACT20M Page C.4



- Isolating and converting of temperature signals and DC signals (3-way isolation, supply isolators and passive isolators)
- Up to 2 channels with a width of 6 mm
- Power supply via the CH20M DIN rail bus

Signal converter and monitoring components, 6 mm – MCZ Page C.30



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

Network-compatible signal converters ACT20C Page D.6



- Separation and conversion of current or voltage signals
- Limit value monitoring, diagnosis, monitoring via Ethernet networks
- PC configuration with FDT/DTM software

Signal converters and monitoring components – ACT20P Page D.8



- Separation and conversion of temperature and DC signals (3-way isolation, supply isolators and passive isolators)
- Strain gauge transmitter for reading from load cells
- High levels of galvanic isolation and accuracy

Signal converters – WAVE Page D.18



- Separation and conversion of temperature and DC signals (3-way isolation, supply isolators and passive isolators)
- A large selection of standard signal- and measurement isolating transformers
- High level of galvanic isolation

Interface converters Page D.74



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

Trip amplifiers for monitoring – WAVE Page E.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

Displays Page F.2



- Large four-character LED display
- 1/8"-DIN-standard front-panel with IP 65 protection
- Integrated signal converter and trip amplifier

Configuration adapter

Page G.4



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

Markers and cross-connectors

Page G.12



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

Calibration device

Page G.14



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

