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## LCIS ANALOGUE/ANALOGUE CONVERTER, ADJUSTABLE, MANUAL-OFF-AUTOMATIC

751519.0000 LCIS-WP-WAA-MA Converter with off, dc signals, 24-240V ac/dc





- · Selector switch for manual or automatic operation
- Automatic calibration
- 3-way isolation, 4kV
- 24V and 24-240 V AC/DC supply voltages
- DNV and GL approved



## **PRODUCT DESCRIPTION**

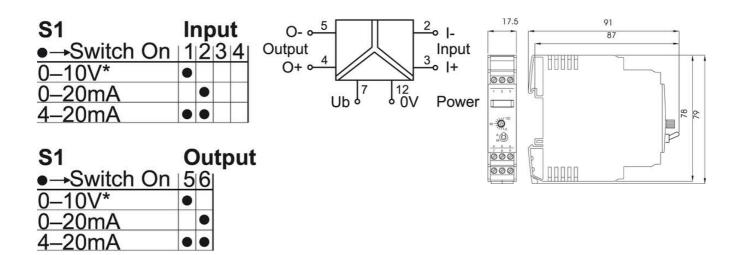
Multi-function signal converter features common standard signals and a DIP switch for selecting the input and output signal. The converter has a potentiometer and a switch on the front panel to control between automatic and manual mode. In auto-mode the output signal is automatically regulated according to the input signal. In manual mode the output signal is adjusted via the potentiometer to correspond a desired value.

The converter is self-calibrating which ensures easy installation. The converter features 4-way galvanic isolation, each terminal can be connected by jumper comb. Extremely compact design, width of 6,2mm only. Can be installed in any position.

## **TECHNICAL DATA**

| Accuracy                   | 0.1 % FSR   |
|----------------------------|---|
| Approvals                  | CE, CSA, DNV, GL, RoHS  |
| Connection type            | Push-In   |
| Cross section max          | 2.5 mm <sup>2</sup>   |
| Cross section min          | 0.25 mm²  |
| Depth                      | 75 mm   |
| Galvanic isolation         | 3-way   |
| Height                     | 93 mm   |
| Input                      | 0-10 V, 0-20 mA, 4-20 mA  |
| Input impedance current mA | 100 Ω   |
| Input impedance voltage    | 330 kΩ  |
| Input/Output protection    | Overvoltage, current input PTC fuse, short circuit-proof output |

| Insulation                  | 4 kV                     |
|-----------------------------|--------------------------|
| IP class                    | IP20                     |
| Linearity                   | 0,05 % FSR               |
| Load impedance power        | Max. 500 Ω               |
| Load impedance voltage      | Min. 2 kΩ                |
| Manual switch               | Yes                      |
| Mounting                    | DIN-Rail                 |
| Output                      | 0-10 V, 0-20 mA, 4-20 mA |
| Reaction time               | 17 ms                    |
| Rise time (10 - 90%)        | 6 ms                     |
| Status indication           | Green LED                |
| Storage temperature max     | 80 °C                    |
| Storage temperature min     | -40 °C                   |
| Supply voltage              | 24-240 V AC/DC           |
| Switching frequency max     | 30 Hz @ 3 dB             |
| Temperature coefficient     | <150 ppm/° K FSR         |
| Temperature operational max | 60 °C                    |
| Temperature operational min | -25 °C                   |
| Type of converter           | Analogue - analogue      |
| Weight                      | 59 g                     |
| Width                       | 17.5 mm                  |



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