

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

750518.0000

LCIS-WAA-MA Converter with off, dc signals, 24V
ac/dc, screw

- 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	Screw
Cross section max	2.5 mm ²
Cross section min	0.25 mm ²
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	2.5 kV
IP class	IP20
Linearity	0,05 % FSR
Load impedance power	Max. 500 Ω
Load impedance voltage	Min. 2 k Ω
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 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

S1

●→Switch On

Input

1	2	3	4
●			
	●		
●	●		

0–10V*

0–20mA

4–20mA

Output

5	6
●	
	●
●	●

56

0–10V*

0–20mA

4–20mA

O- 5

O+ 4

Ub 7

0V 12

2 I-

3 I+

Power

17.5

91

87

78

79

S1		Input			
●→Switch On		1	2	3	4
0–10V*	●				
0–20mA		●			
4–20mA	●	●			

S1		Output	
●→Switch On		5	6
0–10V*	●		
0–20mA			●
4–20mA	●	●	

