

▶ Make your mA signals highly visible!



Splash-proof housing!

**INOR**

## The LCD-W110 gives excellent visualization for all mA signals

The LCD-W110 is a digital indicator with high-visibility in the most challenging conditions. The built-in backlight not only enhances visibility but also complements the high-contrast LCD display, making readings effortlessly clear in the darkest corner or in direct sunlight.

The indicator is designed to redefine your monitoring experience. The LCD-W110 displays real-time process data, ensuring precision, minimizing errors, and maximizing efficiency for flawless operation, driving sustainable industrial success. Its seamless integration into a 4-20 mA loop, without the need for external power, ensures hassle-free installation.

Programming LCD-W110 is easy, whether using the push buttons or the INOR Connect app via NFC communication. With INOR Connect you can easily set range, filter, alarm etc.



LCD-W110



## High-visibility makes data clear

The LCD-W110 is ideal where high-visibility is required. The LCD-W110 is equipped with a backlight for easy readability in various lighting conditions. With the 17.8 mm high digits the indicator is readable up to several meters.

## Robust design for multiple uses

The LCD-W110 is built to withstand challenging conditions. Designed for field mounting on walls, pipes, or DIN rails, the LCD-W110 features a robust and splash-proof housing for durability in different environments. As an option, the LCD-W110 can be equipped with an integrated In-Head 2-wire transmitter of any type.

## User-friendly configuration

Configure the LCD-W110 using push buttons or the INOR Connect app via NFC communication. With INOR Connects user-friendly interface, you can easily save and share configurations with your colleagues. It is also possible to generate configuration protocols in PDF for documentation.

## Technical Data

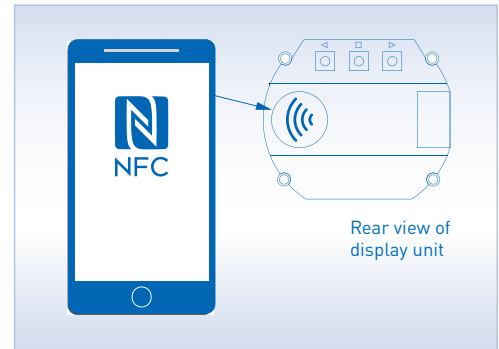
<b>LCD-W110</b>	
Input Current	4-20 mA
Maximum current	30 mA
Minimum current for operation	~3.5 mA
Voltage drop	4.2 V
<b>Indication</b>	
Display unit	LCD-D100
Display	7-segment black LCD with clear background
Backlight	White LED powered from the 4...20 mA loop
Indication range	4 digits (-1999 to 9999)
Decimals	Selectable, 0 to 3
NAMUR compliance	According to NAMUR NE 43
Failure indication	Flashing symbols LO/HI
HART transparent	Yes
Digit height	17.8mm/ 0.7 "
Engineering units	Set of self-adhesive labels included for units °C, °F, mA, mV, V, bar, mbar, Pa, kPa, MPa, pH, %, s, ms, µs, mm, cm, m
Response time	Appr. 1 s, Power on delay: 5 s and stable after 1 min
Configuration method	3 pushbuttons or NFC, located on rear of the display
Operation temperature	-20 to +70 °C / -4 to +158 °F
Typical accuracy	±0.05% of span ±1 digit
Dimensions	80 x 110 x 65 mm / 3.15 x 4.33 x 2.56"
Protection	IP65 / NEMA 4X
Material	Enclosure: Polycarbonate, cable glands: Polyamide
Connections	Stranded, ≤ 1.5 mm <sup>2</sup> , AWG 16, spring connection 2 M20x1.5 cable glands (blinking plug included)
Mounting	Rail acc. to DIN EN 50022, 35 mm, wall or 2 " pipe

## Contact

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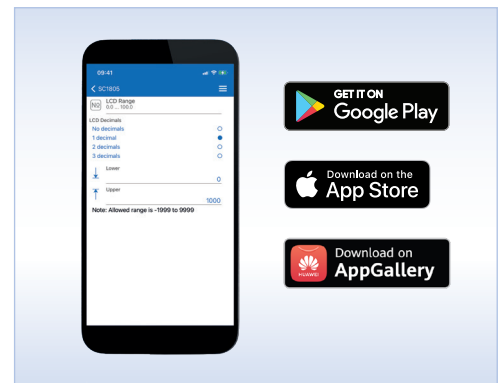
## NFC Communication

Configure the indicator display with NFC communication.



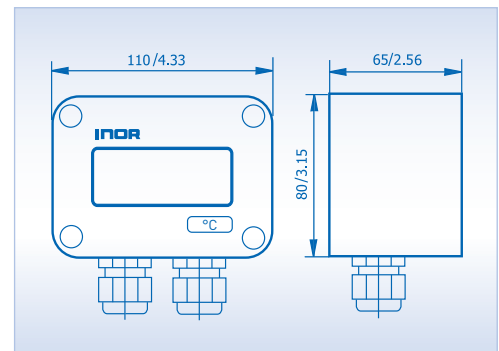
## Configuration via the app INOR Connect

Configure the display wirelessly without supply voltage and cables.



## Dimensions

Neat and convenient indicator, designed for various applications.



## Ordering information

Product	Part No.
Indicator LCD-W110	70LCDW1102
Pipe mounting kit	70ADA00021
DIN-rail mounting kit	70ADA00022
Built-in transmitter mounting kit	70ADA00024

Download App



Product page



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