

▶ High visibility in challenging conditions!



High contrast
backlight LCD display

INOR

LCD-H300 - Loop powered heavy-duty LCD field indicator in aluminium

The LCD-H300 is a loop powered field indicator with high visibility designed for tough environments. 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.

This rugged device with aluminium housing ensuring optimal performance even in extremely turbulent conditions. With IP68 classification, the indicator offers complete protection and reliability in harsh, wet environments. Its reinforced construction and shock absorption mechanisms make it resilient against physical impacts, ensuring longevity in high stress situations.

Programming LCD-H300 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-H300 AL
Field Indicator



Visit product page
LCD-H300 AL

High visibility makes data clear

The LCD-H300 is equipped with a backlight for easy readability in various lighting conditions. With the 8,9 mm high digits the indicator is readable up to several meters.

Robust design for multiple uses

Utilizing housing made from aluminium, this product exhibits a robust construction that can effectively shield major components from the harshest environmental conditions. The aluminium component contributes to lightweight durability, offering resistance against corrosion and ensuring longevity in challenging settings.

Get full control of your configurations

Configure the display module 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.

Alternatively, manual configuration is possible using the three push buttons located on the back of the display unit.

Technical Data

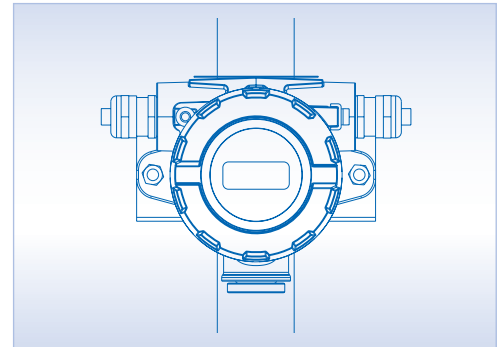
LCD-H300 AL	
Enclosure	Field housing with window
Material	Aluminium pressure die-casting, glass window
Paint	Spray Epoxy, Color RAL 9006
Mounting	On wall: 2x Ø7 lug holes. On pipe: 2" pipe-mounting bracket
Protective Category	Up to IP68
Openings	3x M20x1.5 or 3x ½" NPT, (threads only)
Vibration resistance	IEC 60068-2-6 ; 2 g
Shock resistance	IEC 60068-2-27 ; 15 g / 6 ms
Indication	
Display unit	INOR model LCD-D100
Display	7-segment LCD
Backlight	White LED powered from the 4...20 mA loop
Indication range	4-digits [-1999 to 9999], 8.9 mm
Input	4...20 mA
Typical accuracy	±0.05% of span ±1 digit
NAMUR NE 43 compliance	Yes
Operation temperature	-20 to +70 °C / -4 to +158 °F
Voltage drop	4.5 V
Configuration	NFC or 3 push buttons on the rear of the display unit
Functions	Range and decimal setting, filter and display update time, TAG, error mode, switch off NFC, input calibration, peak memory, display test

Contact

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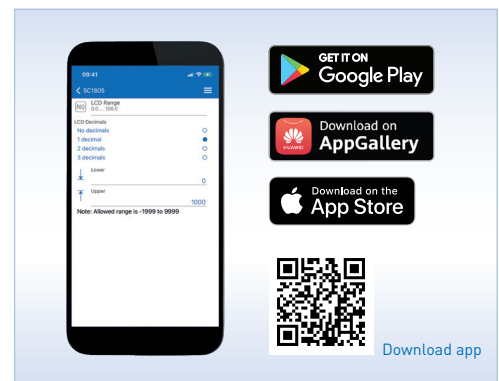
Mounting

Easy to mount either with a 2" pipe-mounting bracket or directly on the wall with lug holes.



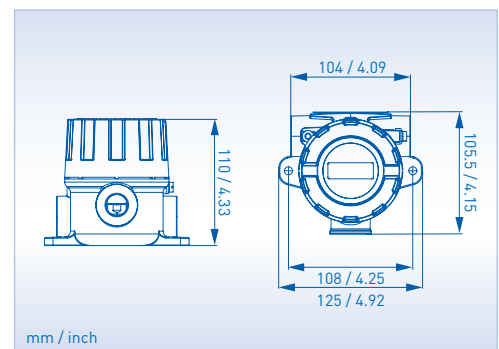
Configure via the app INOR Connect

Configure the display wirelessly without supply voltage and cables.



Dimensions

The aluminium housing is designed to ensure longevity in harsh environments.



Ordering information

Product	Part No.
LCD-H300 AL - M20x1.5	70LCDH3001
LCD-H300 AL - ½ NPT	70LCDH3002
LCD-H300 AL - Customized	On request
Mounting bracket for pipe Ø 1.5"-2"	4003435101



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