

Safety Instructions

PERSONNEL

Skilled personnel must have carefully read and understood the operating instructions prior to beginning any work.

IMPROPER USE

- Refrain from unauthorized modifications to the instrument.
- Do not use in hazardous areas or with medical devices.
- Do not use in safety or emergency shutdown devices.
- Do not use with abrasive and viscous media.
- Do not use in applications with direct contact with food.

⚠ WARNING — HAZARDOUS MEDIA

Upon contact with hazardous media (e.g. oxygen, acetylene, flammable or toxic substances) and harmful media (e.g. corrosive, toxic, carcinogenic, radioactive), there is a danger of physical injuries and damage to property and the environment. Should a failure occur, hazardous media with extreme temperatures (over 131 °F [55 °C]), under high pressure or vacuum may be present at the instrument.

⚠ WARNING — RISK OF BURNS

When dismantling, there is a danger of physical injuries due to dangerously hot instrument surfaces. Ensure that the instrument has cooled down to ambient temperature.

BEFORE MOUNTING

In the event of any damage, do not use the instrument and contact the manufacturer immediately. The process pressure, the process temperature and the medium characteristics must correspond to the parameters given on the product label.

DISMOUNTING

- Check the information in the material safety data sheet for the corresponding medium.
- Disconnect the instrument once the system has been depressurized and has cooled down.
- Flush or clean the dismantled instrument (following operation), in order to protect people and the environment from exposure to residual media.

CLEANING

Before cleaning, correctly disconnect the instrument from the pressure supply, switch it off and disconnect it from the mains supply. Clean the instrument with a moist cloth. Do not expose the electrical connections to moisture.

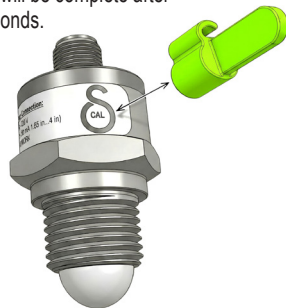
Safety Instructions

FAULTS & REPAIRS

If faults cannot be eliminated by means of the listed measures, take the instrument out of operation immediately. Repairs must only be carried out by the manufacturer. Only use original parts.

Calibration in Empty Tank

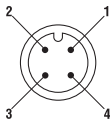
1. Install the sensor and connect the output signal
2. Hold the provided magnet to the marked position "CAL" on the label
3. Output signal will change to 1 mA (0 Vdc)
(Magnet has been detected by the device)
4. Continue to hold the magnet in the marked position (approx. 10 seconds)
5. Output signal will change to 2.5 mA (2.5 Vdc)
(Remove magnet)
6. Calibration process will be complete after approximately 5 seconds.



M12x1 (4-Pin)

Environmental Rating IP67, Ordering Code -25

Pin No.	4-20 mA Output	Voltage Output
1	V+	V+
2	Output	Output
3	Common	Common
4	SP1	SP1



Integral Cable

Environmental Rating IP67: Ordering Code -36

Cable Color	4-20 mA Output	Voltage Output
Brown	V+	V+
White	Common	Common
Green	Output	Output
Yellow	SP1	SP1
Pink	SP2	SP2



NOSHOK

LT120 Series Radar Level Transmitter



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