

OPTIWAVE 1520 / 1530 / 1540 / 1560 **80 GHz radar (FMCW) level and flow transmitter**

-  Installation, assembly, start-up and maintenance may only be performed by appropriately trained personnel. Check the nameplate for correct operating conditions.
-  For use in hazardous areas, special codes and regulations are applicable. Instruments must not be connected to power supply before reading instructions described in the supplementary manual.
-  This instrument complies with requirements of Low Voltage Directive. Instruments must not be connected to power supply before reading instructions described in the manual.
-  The responsibility as to the suitability, intended use and corrosion resistance of the used materials against the measured fluid of this device rests solely with the operator.

1 Installation



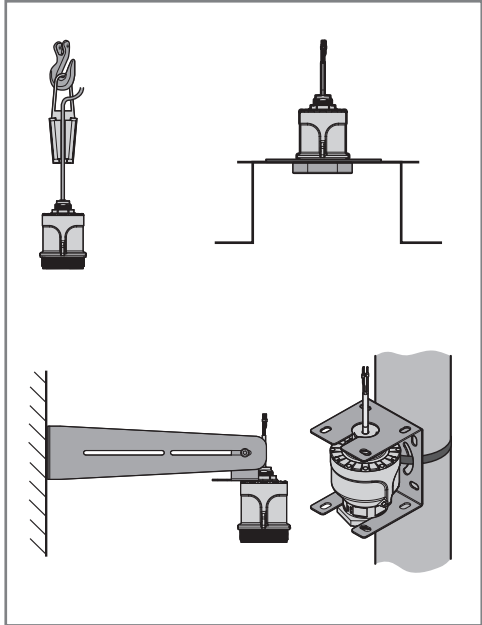
Specific conditions of use to be observed:

Make sure that the surface temperature is not more than the maximum limit given in the supplementary instructions for hazardous locations (Ex).

Note for supplementary manual:

Observe the type of protection (refer to the nameplate) of the device.

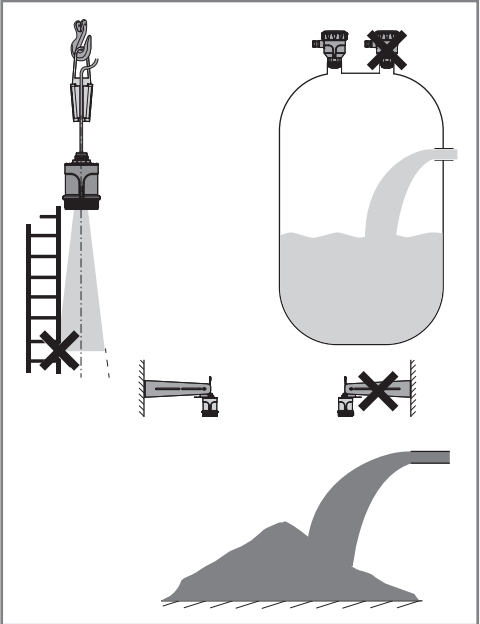
Types of supports



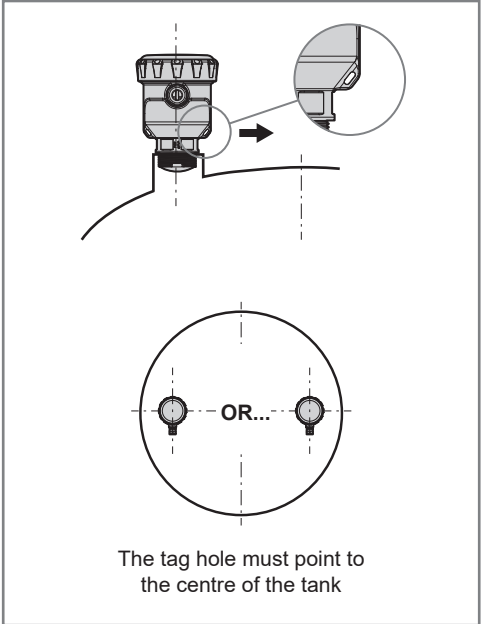
Positioning the device

Antenna size	Distance from the tank wall (A)
DN40	1/10 x TH
DN70	1/20 x TH

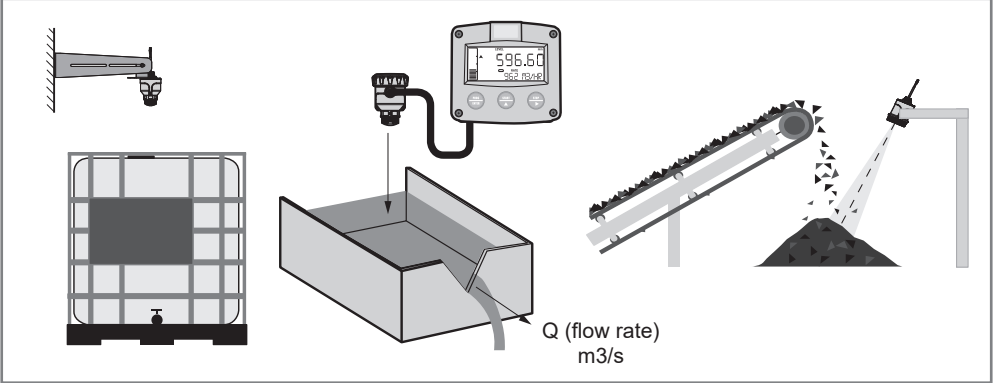
Avoiding obstructions



Avoiding signal polarisation



Typical applications



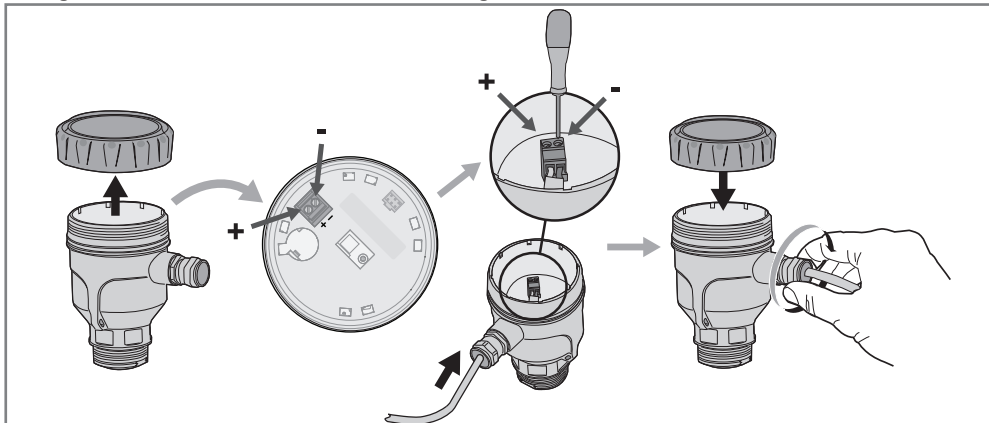
REFER TO THE SUPPLEMENT
OPTIWAVE 1520 / 1530 / 1540 / 1560 - Accessories

FOR THE ASSEMBLY OF:
 long bracket – short bracket – weather protection cover

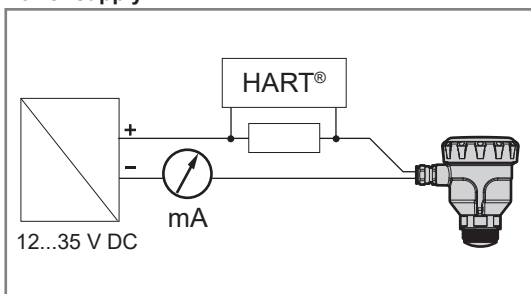
2 Electrical connection

Danger:
All work on the electrical connections may only be carried out with the power disconnected.
Take note of the voltage data on the nameplate. Observe the national regulations for electrical installations.

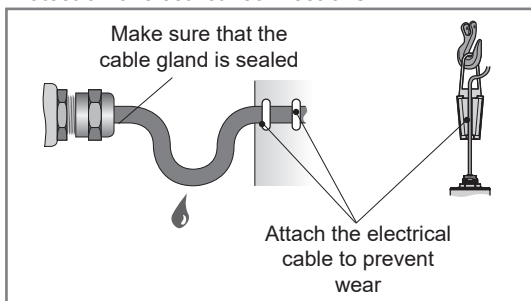
Wiring the device - standard device with cable gland



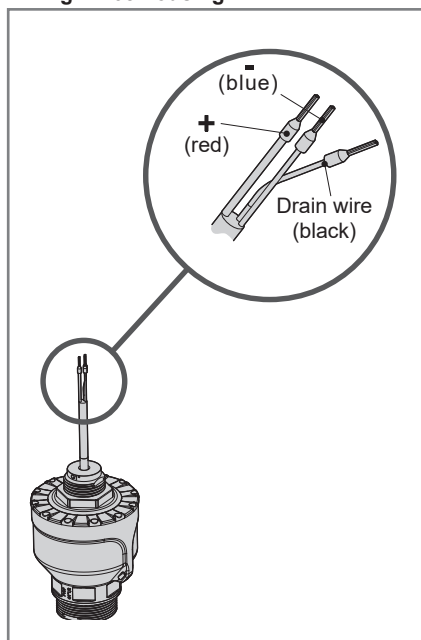
Power supply



Protection of electrical connections



Wiring - IP68 housing

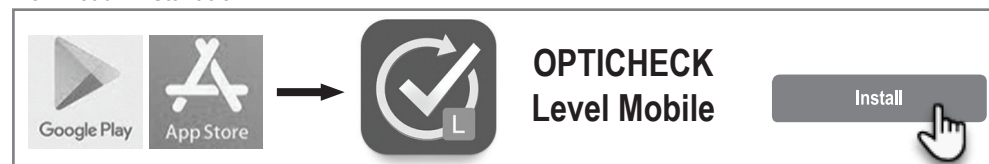


3 Quick setup

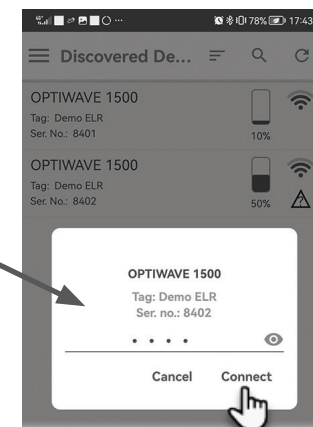
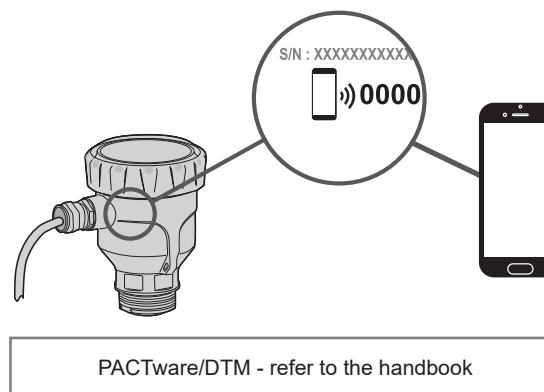
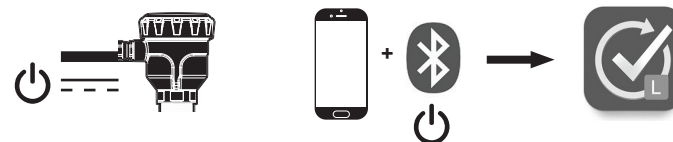
Equipment and system requirements



Download / Installation



Device setup



Download documents and software

Scan the code on the nameplate or scan the following code and enter the serial number.



Contact

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www.krohne.com