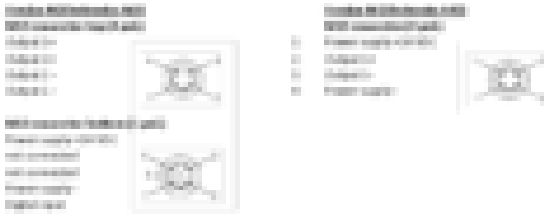
Quick-Start ILM-4

1. Application/intended use

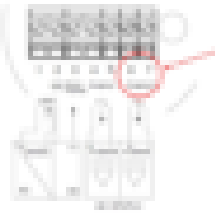
- Inductive measurement of specific conductivity and concentration of fluid media in the range of 0 ... 999 mS/cm
- For use in hygienic applications of the food, beverage and pharmaceutical industries
- Not suitable for use in explosive atmospheres
- Not suitable for safety-related and parts (SIL)

2. Wiring diagram

2.1 Plug connection



2.2 Cable gland



When electronics A42 (only 1 output) is selected, terminals 6 and 7 and thus output 2 and the optical (terminal 9) input are disabled.

3. Delivery status

Output 1 (terminals 4 and 5 or Pin 1 and 3) conductivity with measurement range 0 ... 999 mS

Output 2 (terminals 6 and 7 or Pin 2 and 5) temperature with measuring range 0 ... 199 °C

In the parameter list included with the sensor, the setting of the sensor for output 1 (terminals 4 and 5) can be found under **R424**, for output 2 (terminals 6 and 7) under **X85**.

The parameters can be set either via the PC-based **SIPS** user programming adapter or the Simple User Interface directly on the sensor.

The sensor, the user interface and the software are subdivided into **Display**, **Electronics (signal interface)** and **Sensors (conductivity measurement)**.