



# Special Documentation

## M12 socket

Accessories for Liquipoint, Liquitrend, Liquiphant, Ceraphant, Cerabar, Deltabar, Gammapilot

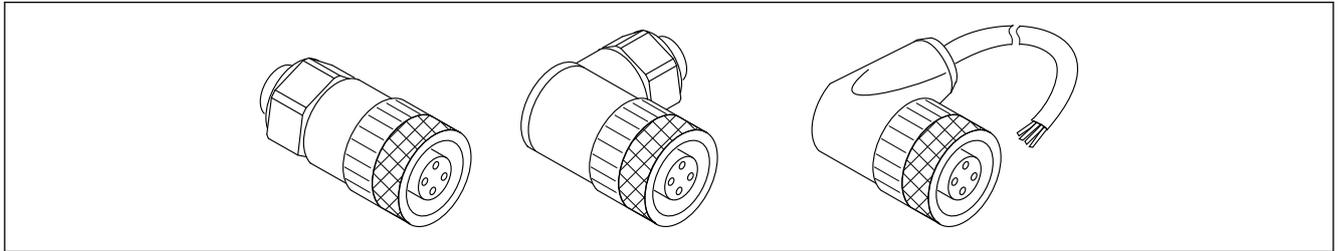
### Designated use

These M12 sockets suit all devices that are fitted with M12 plugs, IP66/68 NEMA Type 4x/6P.

### Overview

Different versions of the M12 sockets are available:

- With a screw lock and termination via screw terminals, straight
- With a screw lock and termination via screw terminals, elbowed
- With a cable, elbowed



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### Personnel authorized to carry out repairs

Technical staff must comply with the following requirements for repair, mounting, electrical installation and commissioning of the measuring devices:

- Specialized technical staff must be trained in instrument safety.
- They must be familiar with the individual operating conditions of the devices.
- In the case of Ex-certified measuring devices, they must also be trained in explosion protection.



Technical staff carrying out work are responsible for ensuring that the work is carried out safely and to the required quality standard. They must also guarantee the safety of the device following repair.

### Safety instructions

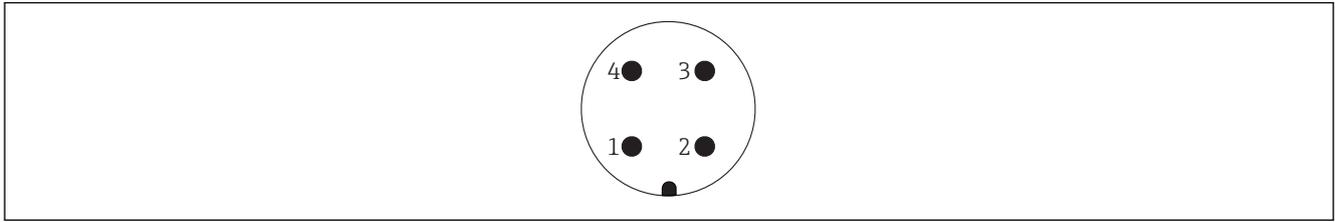
- Comply with national regulations governing mounting, electrical installation, commissioning, maintenance and repair procedures.
- For devices intended for use in hazardous locations, please observe the instructions in the Ex documentation (XA).
- Observe the Operating Instructions for the device.



In case of questions, please contact the local [Endress+Hauser service organization](#).

## M12 socket with screw lock

### Pin assignment

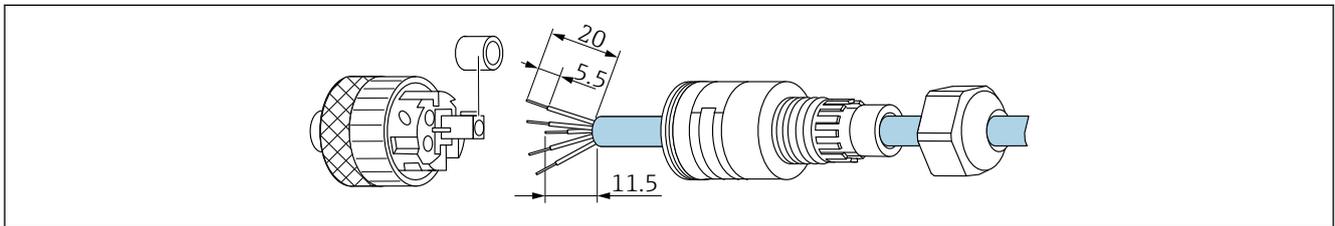


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Pin 1: Signal +  
Pin 2: Not used  
Pin 3: Signal -  
Pin 4: Ground

Material of contacts: CuZn/Au

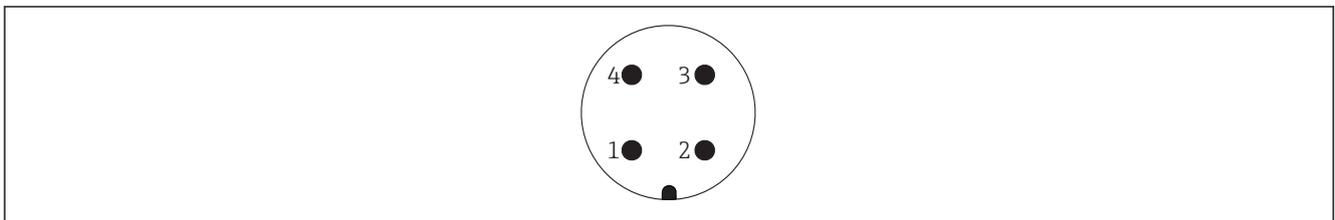
### Terminating the M12 socket



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## M12 socket with cable

### Pin assignment



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Pin 1: BN  
Pin 2: WH  
Pin 3: BU  
Pin 4: BK

Material of contacts: CuZn/Au