

Special Documentation

Proline Promag 500

Connecting the connecting cable

1 About this document

1.1 Document function

This manual is Special Documentation and does not replace the Operating Instructions included in the scope of supply. It is part of the Operating Instructions and contains corrected information regarding the "Connecting the connecting cable" section for Proline Promag 500 measuring devices.

1.2 Affected documentation

This Special Documentation is an integral part of the following documentation:

Technical Information

Measuring device	Documentation code
Promag H 500	TI01225D
Promag P 500	TI01226D
Promag W 500	TI01227D

Operating Instructions

Measuring device	Documentation code					
	HART	FOUNDATION Fieldbus	PROFIBUS PA	Modbus RS485	EtherNet/IP	PROFINET
Promag H 500	BA01398D	BA01479D	BA01404D	BA01401D	BA01720D	BA01723D
Promag P 500	BA01399D	BA01480D	BA01405D	BA01402D	BA01721D	BA01724D
Promag W 500	BA01400D	BA01481D	BA01406D	BA01403D	BA01722D	BA01725D

Brief Operating Instructions

Measuring device	Documentation code					
	HART	FOUNDATION Fieldbus	PROFIBUS PA	Modbus RS485	EtherNet/IP	PROFINET
Promag 500	KA01312D	KA01293D	KA01231D	KA01316D	KA01342D	KA01348D

2 Connecting the connecting cable

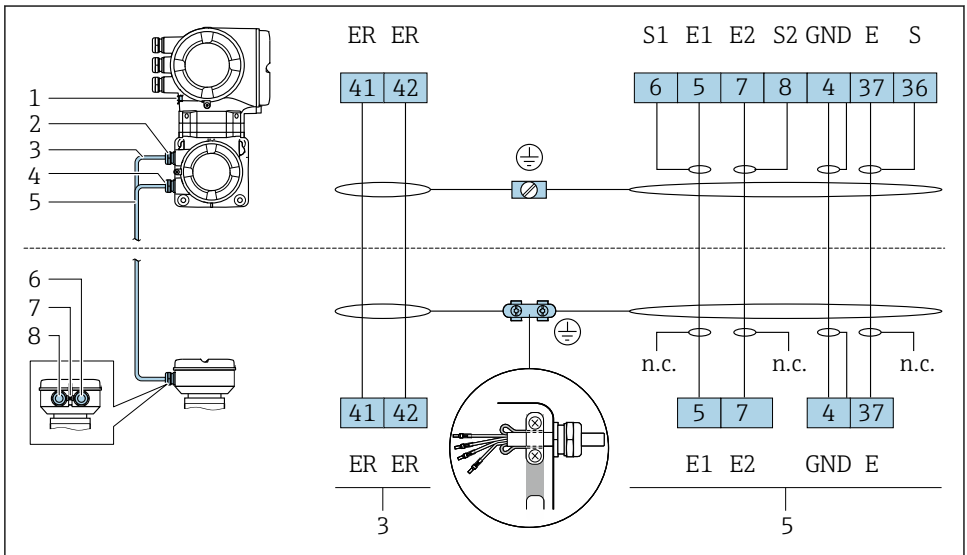
⚠ WARNING

Risk of damaging the electronic components!

- ▶ Connect the sensor and transmitter to the same potential equalization.
- ▶ Only connect the sensor to a transmitter with the same serial number.
- ▶ Ground the connection housing of the sensor via the external screw terminal.

2.1 Connecting cable terminal assignment

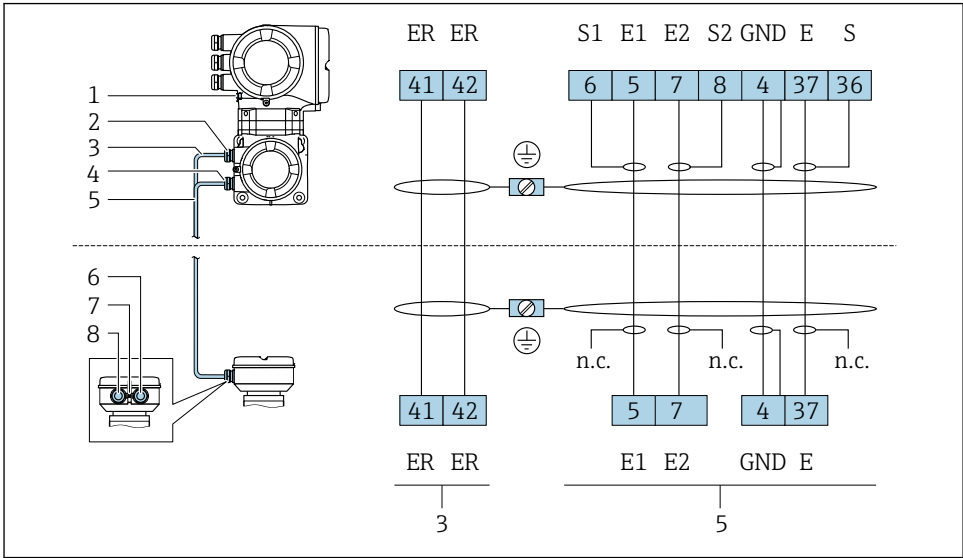
2.2 Proline Promag H



A0029444

- 1 Protective earth (PE)
- 2 Cable entry for coil current cable on transmitter connection housing
- 3 Coil current cable
- 4 Cable entry for signal cable on transmitter connection housing
- 5 Signal cable
- 6 Cable entry for signal cable on sensor connection housing
- 7 Protective earth (PE)
- 8 Cable entry for coil current cable on sensor connection housing

2.3 Proline Promag P and Promag W



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- 1 Protective earth (PE)
- 2 Cable entry for coil current cable on transmitter connection housing
- 3 Coil current cable
- 4 Cable entry for signal cable on transmitter connection housing
- 5 Signal cable
- 6 Cable entry for signal cable on sensor connection housing
- 7 Protective earth (PE)
- 8 Cable entry for coil current cable on sensor connection housing

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