D400 Wiring Information

Electrical connection

**Warning! Risk of explosion! (D400 only)**
It is prohibited to use the integrated communication interface (LKS) in an Ex area.

Never use the integrated communication interface (LKS) on the mainboard with a positioner that is being used in an explosion risk area.

1. Strip the wire by approx. 6 mm (0.24 inch).
2. To connect the signal lines, the emergency shutdown module and the proximity switches or micro switches, insert the wire ends from the left into the respective screw terminals and hand-tighten the screws (access from above). To connect a plug-in module, insert the wire ends from above in the appropriate screw terminals and hand-tighten the screws (access from the side).

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![Diagram](image)

**Fig. 13: Terminal connection diagram**

A Basic model

- 1 Analog input / Bus connector
- 2 Digital input
- 3 Digital output
- 4 Digital feedback
- 5 Analog feedback
- 6 Proximity switches
- 7 Microswitches
- 8 Emergency shutdown module

B Options

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**1) D400 only**

**Important**

Keep cable shields as short as possible and connect on both sides.

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**Screw terminal assignments**

![Diagram](image)

**Fig. 14**

- 1 Module for analog position feedback
- 2 Module for digital feedback or service switch of emergency shutdown module
- 3 Module for digital position feedback or terminals of the shutdown module
- 4 Installation kit for digital position feedback, either proximity switches or 24 V microswitches
- 5 Same as 4
- 6 Digital output DO
- 7 Digital input DI
- 8 Signal 4...20 mA / Bus connector
- 9 Grounding screw

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1) D400 only