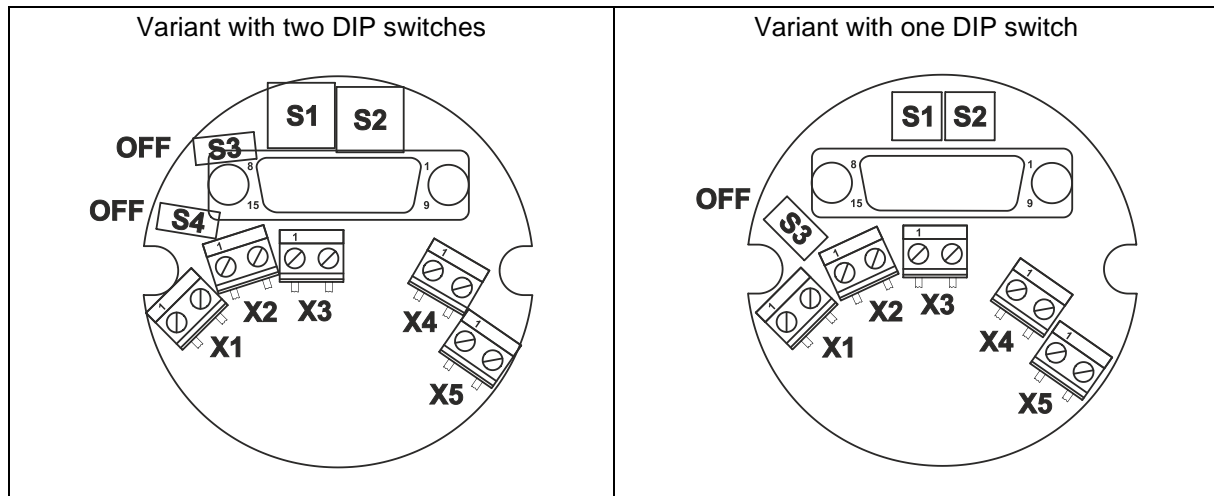


Pin assignment

Series 65, Profibus-DP PNO Class 2 (2 Pin screw terminals + preset)



General information:

If the measuring system is the last station on the Profibus line, the Profibus terminator (terminating resistor) must be activated. To activate the Profibus terminator, depending on the circuit board variant, the DIP switches **S3** and **S4** or only **S3** must be switched on. If the measuring system is not the last station on the Profibus line, the DIP switches must be switched off.

The Profibus also works when the measuring system is disconnected. If the measuring system is the last station on the bus, the reference potential for the terminating resistors is missing!

In order to be able to wire the incoming and outgoing signals separately, the Profibus terminals and the terminals for the power supply are designed in duplicate.

TR Electronic recommends using the bus cables specified by the Profibus User Organization (PNO) for operation.

The BCD address switches **S1** (10^1) and **S2** (10^0) are used to set the station address of the Profibus from 3 to 99.

X1	Profibus_IN
1	Profibus, Data A
2	Profibus, Data B

X2	Profibus_OUT
1	Profibus, Data B
2	Profibus, Data A

X3	Preset 1+2_IN
1	Preset_1
2	Preset_2

1-Level > +8V, 0 Level < +2V

X4	Supply voltage_IN
1	USS, 11-27 V DC
2	GND, 0V

X5	Supply voltage_OUT
1	GND, 0V
2	USS, 11-27 V DC