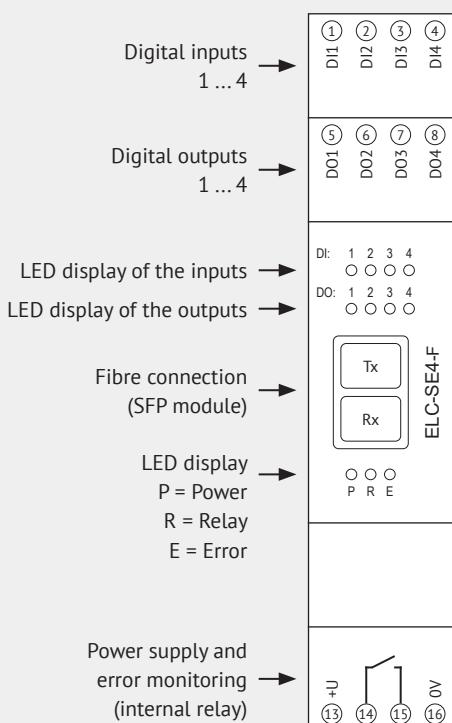




Connection Plan

ELC-4

Transceiver ELC-SE4-F



Safety Instructions



- Installation and commissioning may only be carried out by specialist companies or appropriately qualified personnel and in accordance with the guidelines and recognised rules of technology!
- Before making any adjustments to the unit, it must be disconnected from the power supply!
- Ensure suitable ESD protection measures (earthing, aids, etc.)! Use suitable tools!

Installation / Operation Notes

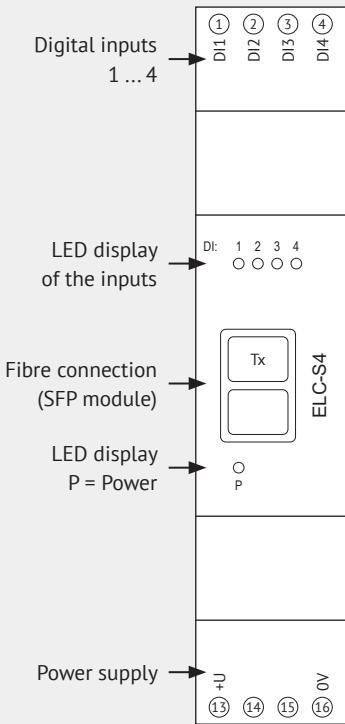


- The reference potential for the digital inputs and outputs is 0V.
- LED status
 - = Power supply
 - = Relay switching status (only ELC-SE4-F / ELC-E4 / ELC-E4D)
 - = Error (only ELC-SE4-F / ELC-E4 / ELC-E4D):
No reception or invalid protocol from the transmitter

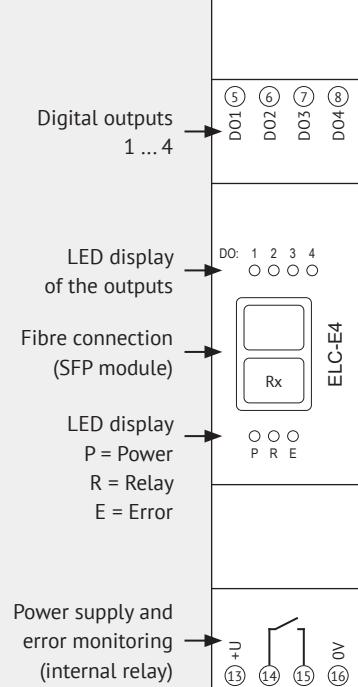
Matrix

Jumper position	N	Er
Intrinsically safe (factory setting)	closed	open
No error		
Error	open	closed

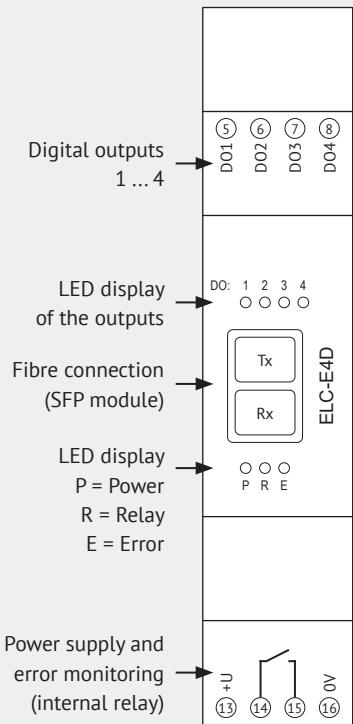
Transmitter ELC-S4



Receiver ELC-E4

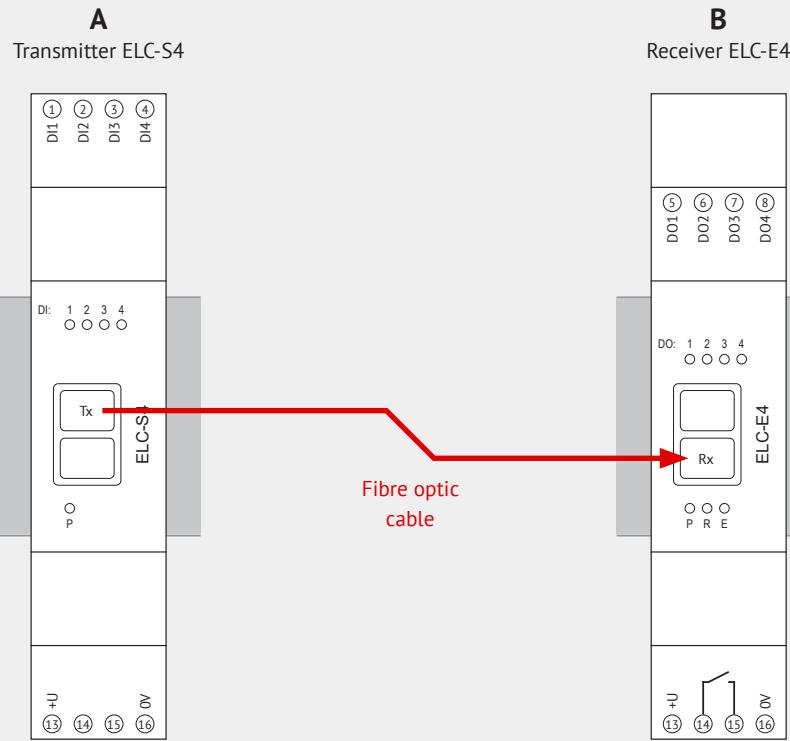


Receiver ELC-E4D with feed through

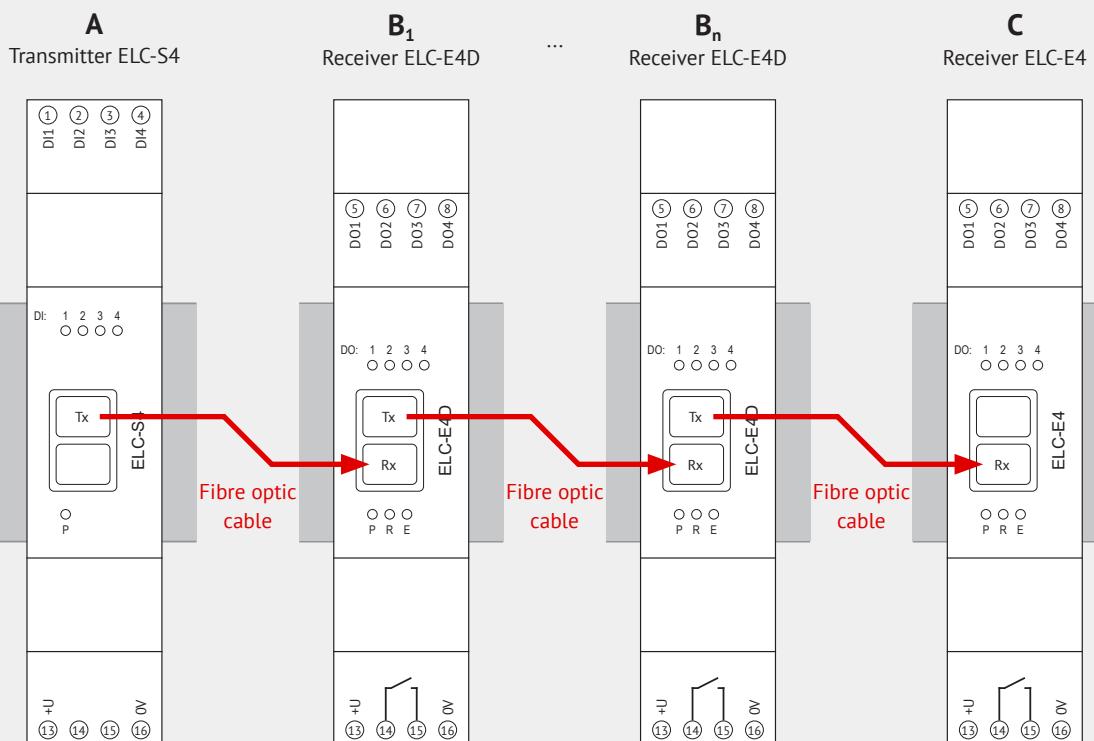


Unidirectional transmission

Unidirectional point-to-point transmission

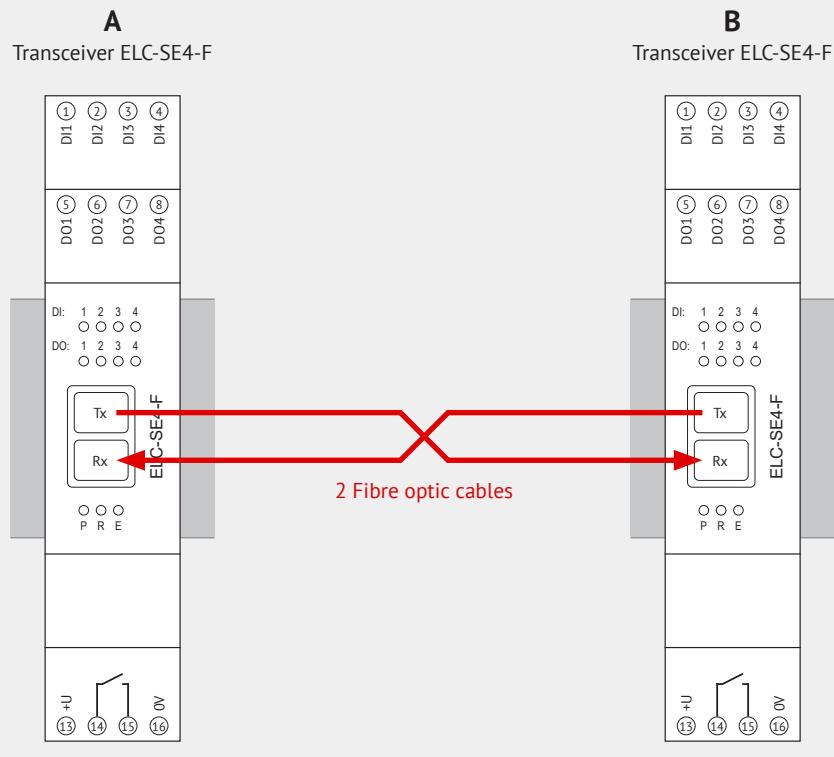


Unidirectional line transmission

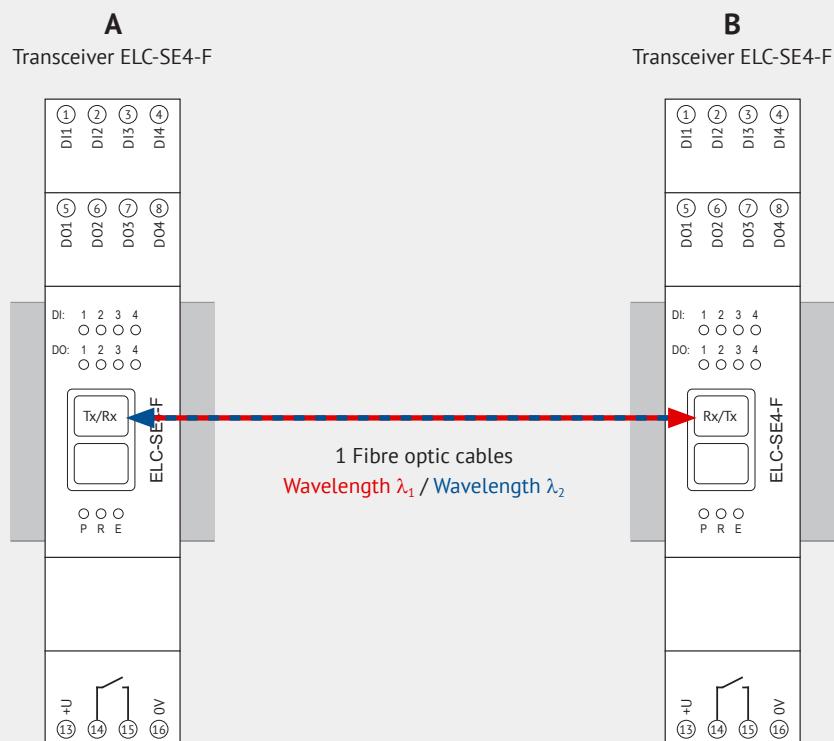


Bidirectional transmission

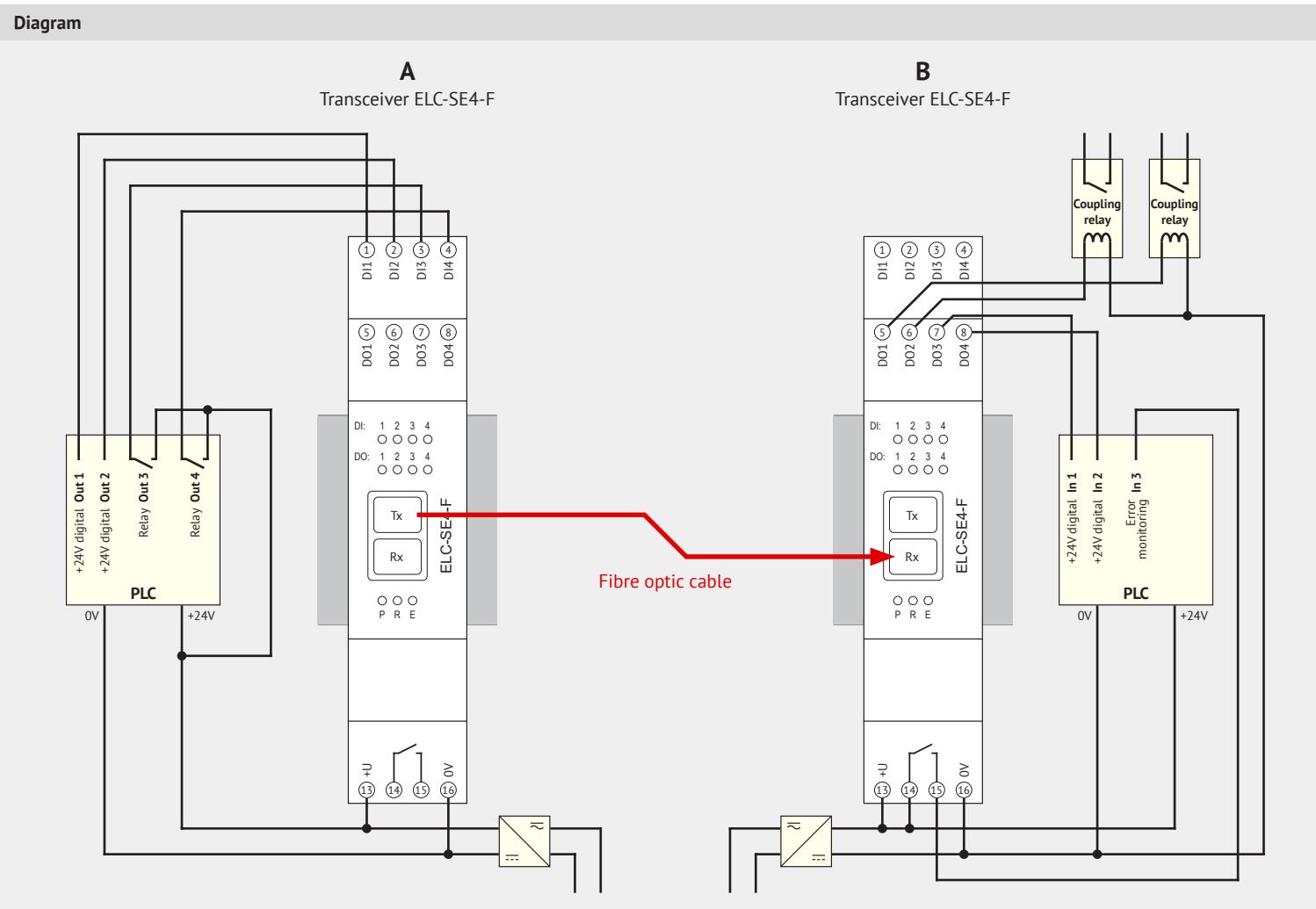
Bidirectional point-to-point transmission with 2 fibre optic cables



Bidirectional point-to-point transmission with 1 fibre optic cable



Example: Wiring for a point-to-point transmission



Installation Notes



Observe the general instructions for installation and operation of the illustrated devices.

Example: NS protection with max. 4 substations and feedback to the control centre

