

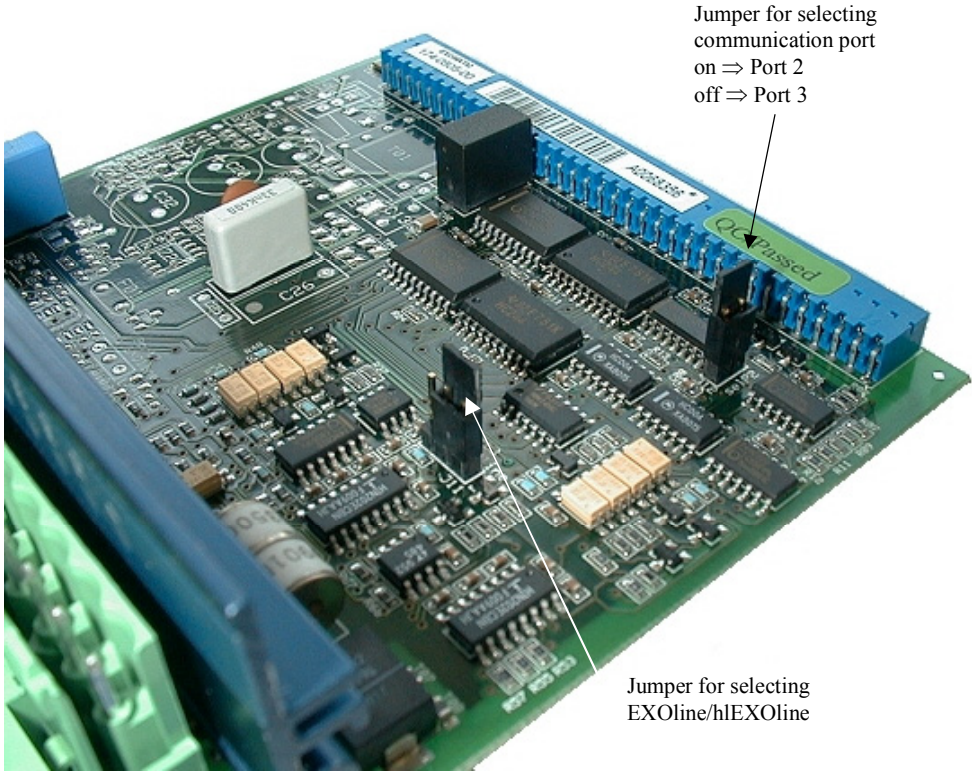
Model EP8101 - Basic Serial PIFA

Description

The Basic Serial PIFA EP8101 contains one serial channel for communication via Port 2 or Port 3 communication. See **Communication Ports** on page 133.

- ❑ Port 3 is available only when the PIFA-unit is mounted in a processor section, normally position 2.
- ❑ Port 2 is available in any position. See Chapter 9 **Commissioning** for position settings.
- ❑ See Chapter 13 **Communication** for port handling.

Figure 86. The jumper switches for selecting the communication port and EXOline/hlEXOline.



Specifications

Power Supply

Internal

Internal Power Consumption

5 V 30 mA
±12 V 20 mA

Communication Port

Port 2 or Port 3 see *Communication Ports* on page 133.

Option Interface on Port 3

If no option is specified when ordering the EP8101 it will be supplied with connection instructions for Option 9010. When installing another option, the instructions supplied with that option will apply. Stick the new instructions over the old ones.

Connections

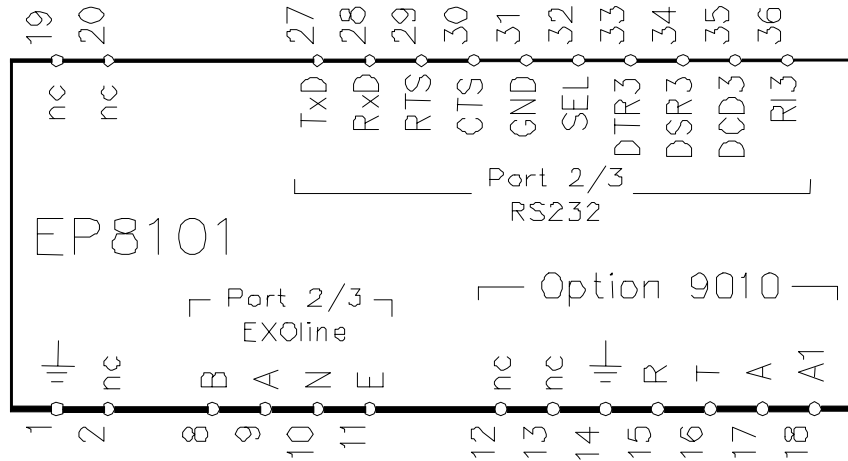
The RS232 Port

The designations below follow the RS232 standard's DTE terminology.

Pin no	Signal	Function	Direction
Port2 alt. Port 3			
27	TxD	Transmit Data	Out
28	RxD	Receive Data	In
29	RTS	Request To Send	Out
30	CTS	Clear To Send	In
31	GND	Signal Ground	
32	SEL	Select RS232 interface. See <i>Communication Ports</i> on page 133 on how to select RS232 interface.	
33	DTR3	Data Terminal Ready (Port3)	Out
34	DSR3	Data Set Ready (Port3)	In
35	DCD3	Data Carrier Detect (Port3)	In
36	RI3	Ring Indication (Port3)	In

Options

Figure 87. Connection of the EP8101 with the modem option 9010 or 9011 on Port 3.



Also see chapter *Model Modem 9011 - PTT Modem*, section *Connections and Wiring*.

Figure 88. Connection of the EP8101 with EIB option 9017 on Port 3.

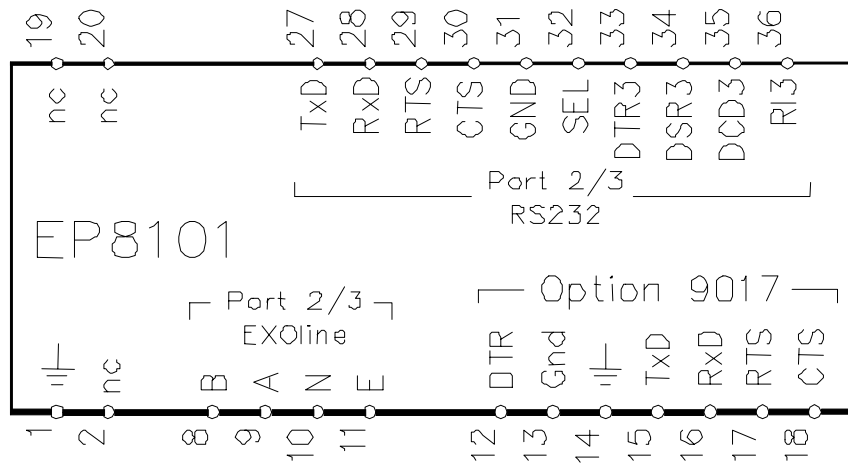


Figure 89. Connection of the EP8101 with the SIOX option 9020F on Port 3.

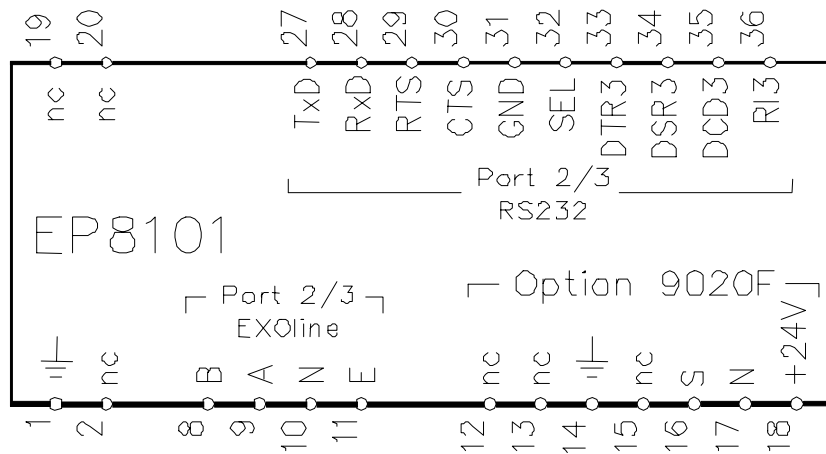


Figure 90. Connection of the EP8101 with Foxboro option 9015 on Port 3.

