All shield contacts of COM, HSE, and H1 fieldbus ports, the ground contact of the power supply interface, the separate grounding screw connection, and the housing are interconnected.

Serial Interface

The serial interface RS-232 is not galvanically isolated.
The maximum cable length is 3 m according to EMC requirements.
The baud rate is pre configured to 115.2 kbit/s.

Table 2: Pin Assignment of the Serial Interface

Pin	Signal	Pin	Signal
1	CD	6	DSR
2	RXD	7	RTS
3	TXD	8	CTS
4	DTR	9	RI
5	GND		

10/100 Mbit/s Ethernet Port (HSE High Speed Ethernet Port)

The pin assignment of the Ethernet port corresponds to MDI (Medium Dependent Interface).

Table 3: Pin Assignment of the 10/100 Mbit/s Port

Pin	MDI Signal	Pin	MDI Signal
1	TD+	5	Not used
2	TD-	6	RD-
3	RD+	7	Not used
4	Not used	8	Not used

FF H1 Fieldbus Connection

With 3-pole terminal blocks, up to 4 separate fieldbus segments can be connected. The FF-H1 interfaces comply with type 114 of the FF physical layer profile.
The fieldbus cables +/- can be interchanged.

Device Status Indication

The device status indication depends on the hardware version of the LD Base Module. To allow enhanced device status indication newer hardware is equipped with two-colored F- and R-LEDs. Please refer to Table 4 to find out, which device status indication applies to your hardware.

Table 4: Hardware Versions

HW Version of LD Base Module	Serial Number of Device	Remark	Device Status Indication according to
ver < 1.40	up to 040800673	Single-colored LEDs	refer to User Instructions
1.40 ≤ ver < 1.60	040800674 ... 060101705	Two-colored F-LEDs	refer to User Instructions
ver ≥ 1.60	starting from 060101706	Two-colored F- and R-LEDs	Table 6

You can look up the serial number of the device on the **type plate**. In addition both the serial number of the device as well as the hardware version of the LD Base Module are displayed on the **web page Information/Version Information**.