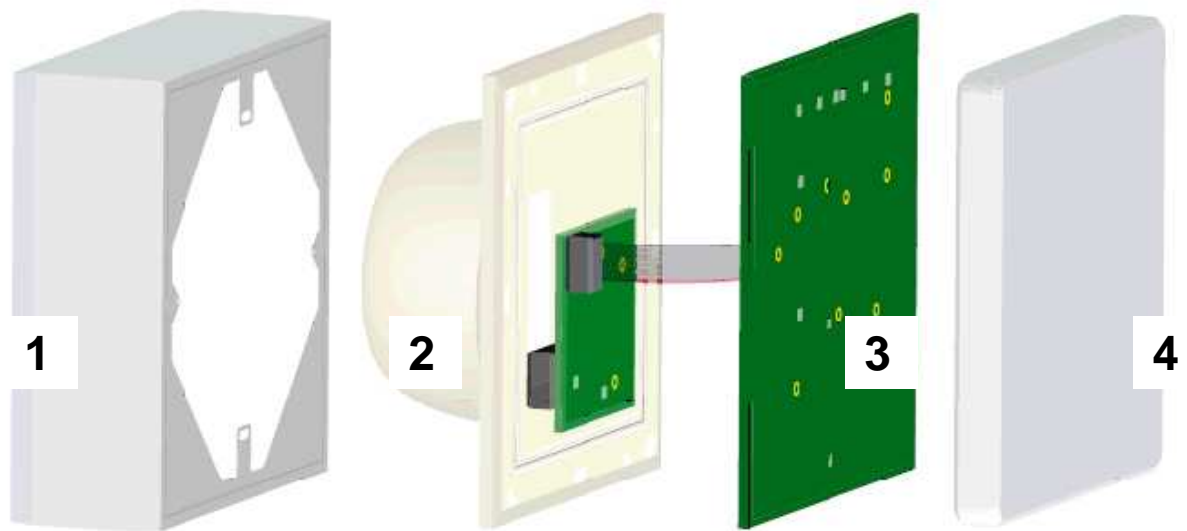## 7.4 LEGIC Reader

Abb. 7.4.1 Reader structure

7.4.1 Reader Structure

The reader consists of several separate components:

1 – optional on-wall frame
2 – in-wall box (for $\varnothing$ 55 mm UP mounts) with feeder clamps
3 – reader circuit board with antenna (with flat cable connectors)
4 – cover panel

7.4.2 Diagram Reader

The reader is able to write and read proximity media LEGIC advant® as well as LEGIC prime®. It is connected via a 2-wired BUS line to a RMC/A /I /P (Rexroth MultiController).
The voltage supply is effected via 2 more wires from the RMC.
Each reader at a BUS must be adjusted to a different address to ensure the reader function. This address can be adjusted or changed via a turn-switch by the customer.

Abb. 7.4.2 Reader View

7.4.3 Feeder Clamps

Abb. 7.4.3 Feeder Clamps Reader

Clamp connections (from bottom to top):

1 – 9-24V (input)
2 – ground
3 – unused
4 – unused
5 – RS 422 (A)
6 – RS 422 (B)

Important: The cables of the lines must be effected 1:1 to the clamp numbers:
i. e.   from RMC-clamp-1 → reader-x-clamp-1 → reader-y-clamp-1 → ...
          from RMC-clamp-2 → reader-x-clamp-2 → reader-y-clamp-2 → ...
          from RMC-clamp-5 → reader-x-clamp-5 → reader-y-clamp-5 → ...
          from RMC-clamp-6 → reader-x-clamp-6 → reader-y-clamp-6 → ...

DIL Switch Configuration for 2-wire-bus

1 – Off - Bus termination – in 2-wired bus for all slaves Off but last On
2 – Off
3 – On – baudrate 19200
4 – On – baudrate 19200