

Sample connections:

Feedback module with integrated detection of occupied tracks for the RS-feedback bus (Lenz Digital plus)

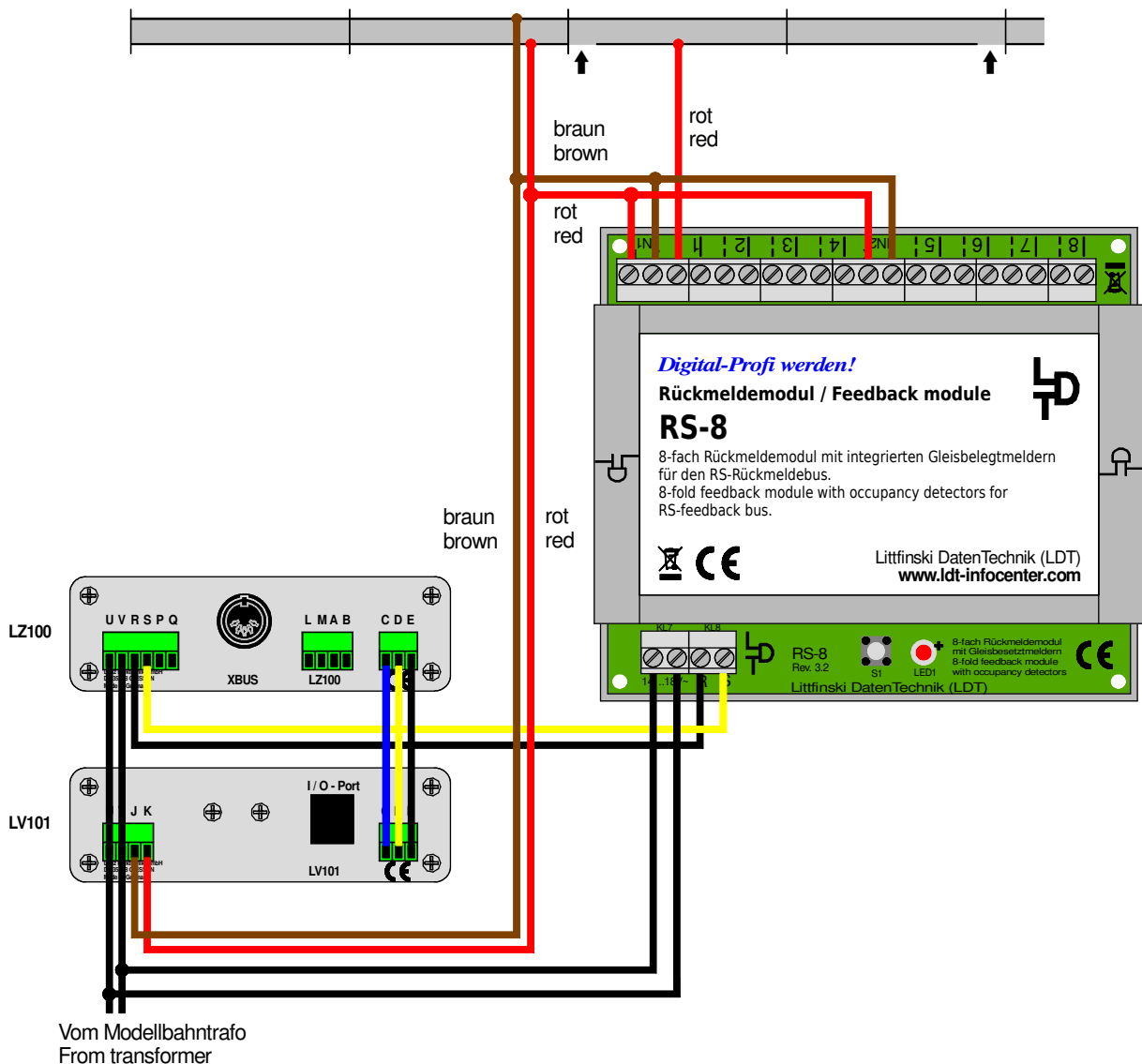
RS-8

(Version 3.2)

1.1 Track occupancy detection at a two-conductor system with one isolated rail!

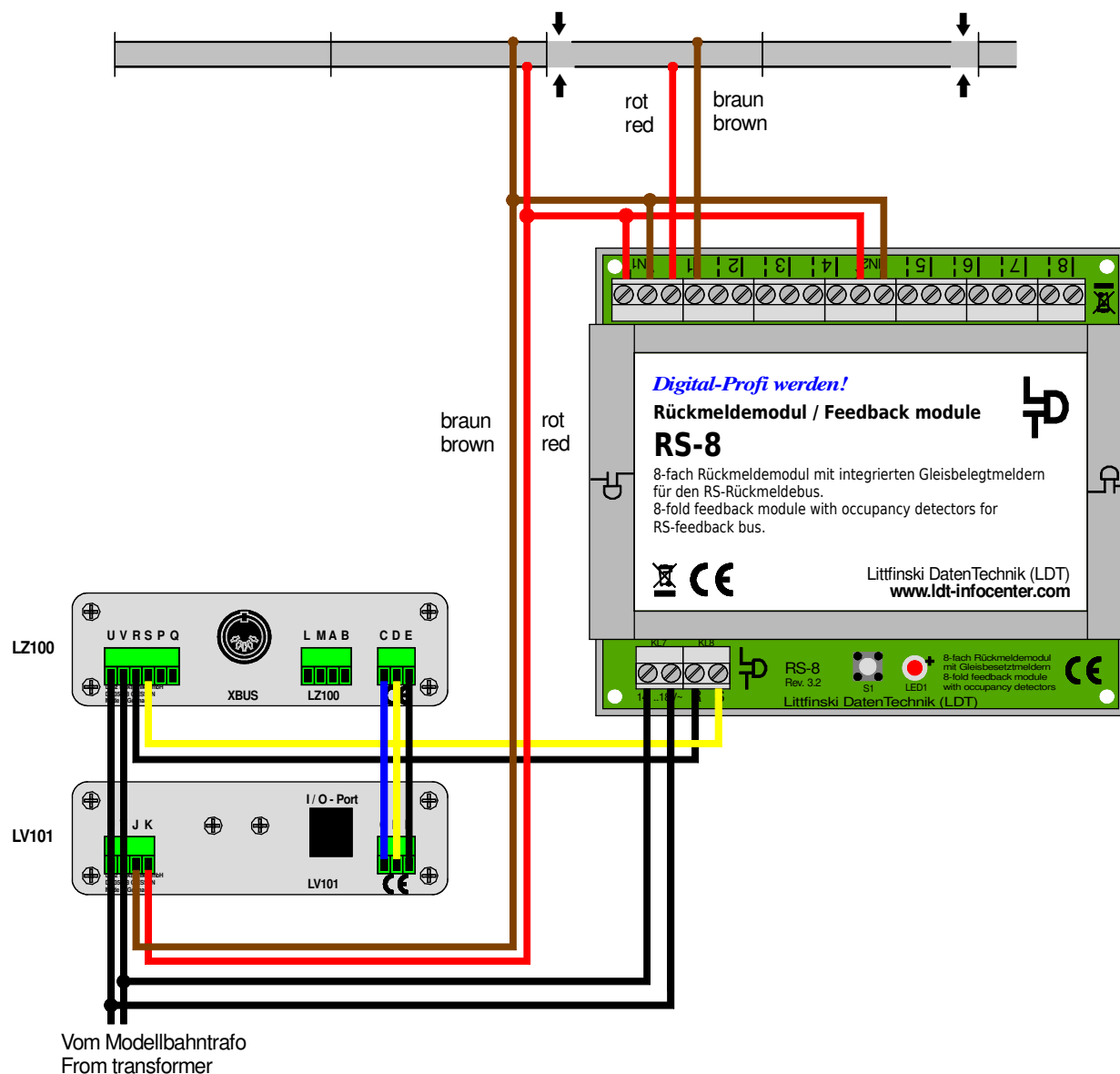
Each isolated track section get the supply from the track occupancy detector via the output which is marked with a dotted line.

This makes it possible to control a total of 8 track sections.



1.2 Track occupancy detection at a two-conductor system with two isolated rails!

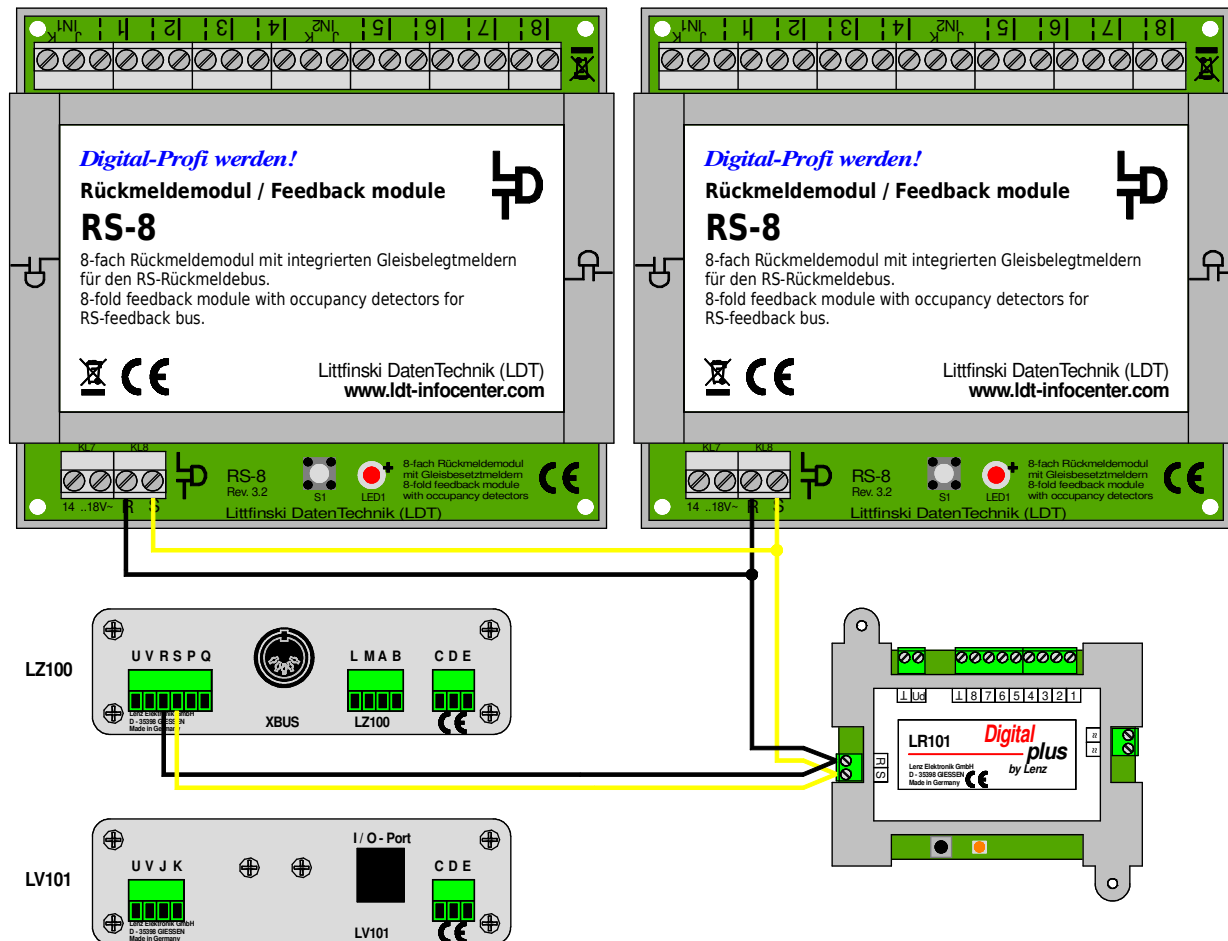
Isolated track sections get the supply complete via one output of the track occupancy detector. This is very convenient for modular layouts with detachable single components. This makes it possible to control a total of 8 track sections.



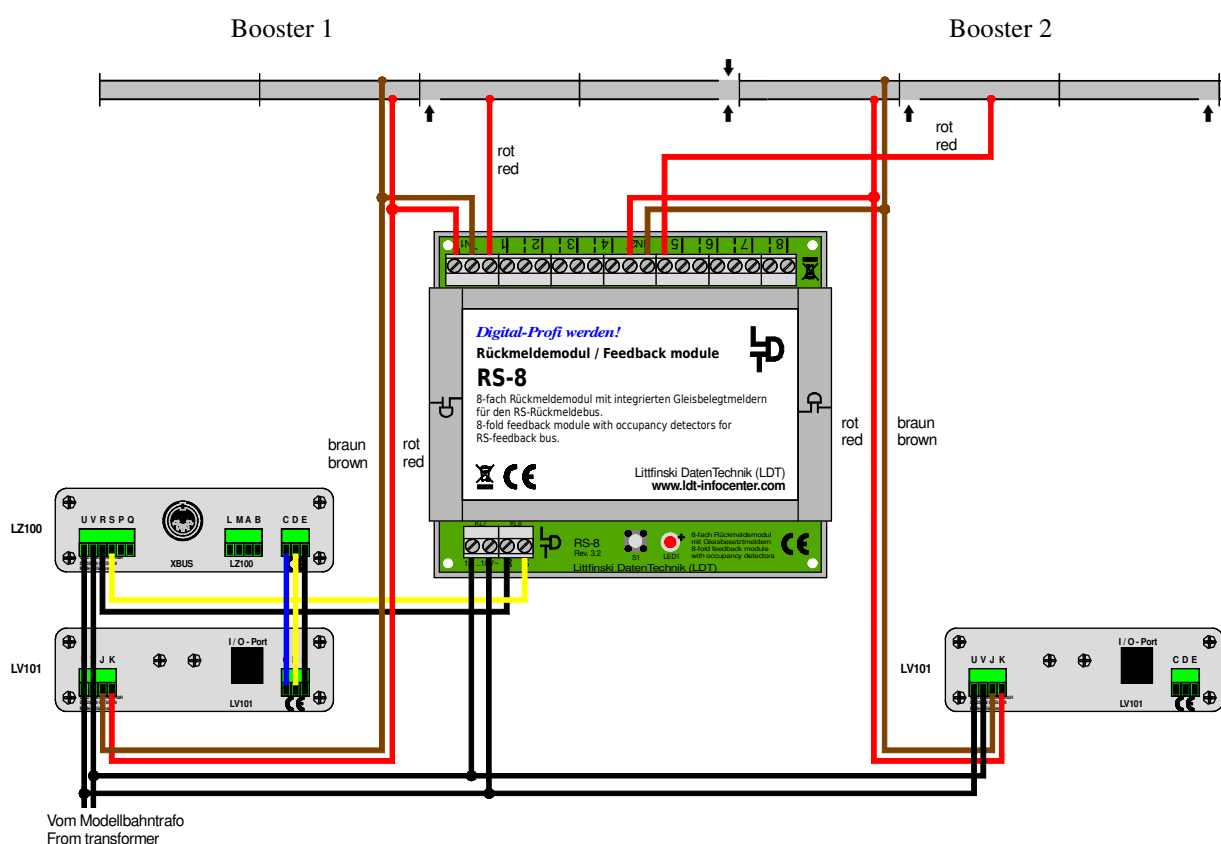
1.3 Connect the track occupancy detector to the RS-feedback bus

The inputs R and S of the 4-poles clamp have to be connected to the equal marked clamps at the command station LZ100.

Several feedback modules (RS-8, LR101, LS110 etc.) can be simply connected in parallel.



1.5 Track monitoring by two booster circuits



The RS-8 is divided into two 4-fold track occupancy monitors. The booster 1 controls and supplies current via the RS-8 to the left track and the booster 2 to the right track.

The 8-fold track occupancy detector RS-8 is divided into two 4-fold track occupancy monitors.

This makes it possible to control tracks from two different booster circuits. At the above draft the input IN1 of the RS-8 gets the supply from booster 1 and the input IN2 from booster 2.

The monitored tracks 1 to 4 (at the draft track 1 has been indicated) receives the digital current therefore from booster 1 and the tracks 5 to 8 (at the draft track 5 has been indicated) from booster 2.

The partitioning of the RS-8 into two 4-fold track occupancy monitors has got an additional advantage for the control of reverse loops. For further information regarding this issue please load the file "reverse-loop_32_en.pdf" from our web-site (www.ldt-infocenter.com) onto your computer.

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