

# Module Trans-X TRX inductive TRX12-210, 2-channels, with frontplate 10TE

Item number 302341



## Dimensions

Basic print: 100 mm x 160 mm  
10TE wide: 2-4 circuits of antenna

## Material and weight

weight: 0.353kg

## Applicable standards

EN 50121-3-2:2006  
EN 50121-4:2006  
IEC 61000-6-2:2005  
IEC 61000-6-3 / -4:2006  
IEC 62236-3-2:2008  
IEC 62236-4:2008

## Function

The transmission from the vehicle to the fix station and vice versa takes place by running over inductive ground loops or contact wire antennas. It allows the user to operate existing

systems miscellaneous with single frequencies in the AF-band and digital transmission through Trans-X.

## Specification

Current consumption: at 24 V DC: as receiver: ca. 10 W, as sender ca. 10 W  
Interfaces: Backplane: RS232, RS485, CAN, IBIS Wagenbus (Slave)  
Ambient temperature service: -20° C up to +60° C  
Ambient temperature store: -40° C up to +40° C  
Interfaces: Front: RS232, USB, Ethernet  
Inputs: 10 digital inputs, 3 Relais, 3 opto coupler  
Power supply: 9 V - 60 V DC

## Comments

- RTC (Real Time Clock), environmental sensor, SD-Card-Slot  
- not security-relevant

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