

Förster-Technik GmbH • Gerwigstraße 25 • D-78234 Engen

## Declaration

All identification models specified on the rating plate consist of the same printed circuit board and use the same components, parts and values.

There are differences in the housing (antenna box or cover plate), the cable (with or without plug) and the time division multiplex (see operational description in annex: scan2190\_000.pdf).

The transmission frequencies are:

HDX: 128,7kHz

FDX: 120kHz and 134,2kHz

DL: 131,072kHz

**housing:** antenna box

**cable:** without plug

**frequencies:** FDX/HDX

**Model: MultiReader**  
**identification Multi-FDX/HDX**  
**without plug**

Data : braun / brown  
Clock : weiss / white  
GND : grün / green  
12V $\pm$ 5% : gelb / yellow  
⏏ : Schirm / shield



Stromaufnahme / Power Consumption: 150mA

Part-No.: 46231  
Serial-No.: 0123456789  
Order-No.: 0123456789

**FÖRSTER  
TECHNIK®**

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**housing:** antenna box  
**cable:** without plug  
**frequencies:** DL-FDX/HDX

**Model: MultiReader  
identification Multi-DL-FDX/HDX  
without plug**

Data : braun / brown  
Clock : weiss / white  
GND : grün / green  
12V $\pm$  5% : gelb / yellow  
⊕ : Schirm / shield



Stromaufnahme / Power Consumption : 150mA

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**housing:** cover plate  
**cable:** without plug  
**frequencies:** FDX/HDX

**Model: MultiReader  
identification Multi-FDX/HDX  
without plug with cover plate**

Data : braun / brown  
Clock : weiss / white  
GND : grün / green  
12V $\pm$  5% : gelb / yellow  
⊕ : Schirm / shield



Stromaufnahme / Power Consumption : 150mA

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**housing:** antenna box  
**cable:** with plug  
**frequencies:** FDX/HDX

**Model: MultiReader  
identification Multi-FDX/HDX  
with plug**

Data : braun / brown  
Clock : weiss / white  
GND : grün / green  
12V $\pm$ 5% : gelb / yellow  
⚡ : Schirm / shield



Stromaufnahme / Power Consumption: 150mA

Part-No.: 46213  
Serial-No.: 0123456789  
Order-No.: 0123456789



**housing:** antenna box  
**cable:** with plug  
**frequencies:** DL-FDX/HDX

**Model: MultiReader  
identification Multi-DL-FDX/HDX  
with plug**

Data : braun / brown  
Clock : weiss / white  
GND : grün / green  
12V $\pm$ 5% : gelb / yellow  
⚡ : Schirm / shield



Stromaufnahme / Power Consumption: 150mA

Part-No.: 46214  
Serial-No.: 0123456789  
Order-No.: 0123456789



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**housing:** cover plate  
**cable:** with plug  
**frequencies:** FDX/HDX

**Model: MultiReader  
identification Multi-FDX/HDX  
with plug with cover plate**

Data : braun / brown  
Clock : weiss / white  
GND : grün / green  
12V $\pm$ 5% : gelb / yellow  
⏏ : Schirm / shield



Stromaufnahme / Power Consumption : 150mA

Part-No.: 46221  
Serial-No.: 0123456789  
Order-No.: 0123456789



**housing:** antenna box  
**cable:** without plug  
**frequencies:** HDX

**Model: MultiReader  
identification Multi-HDX  
without plug**

Data : braun / brown  
Clock : weiss / white  
GND : grün / green  
12V $\pm$ 5% : gelb / yellow  
⏏ : Schirm / shield



Stromaufnahme / Power Consumption : 150mA

Part-No.: 46767  
Serial-No.: 0123456789  
Order-No.: 0123456789



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**housing:** antenna box  
**cable:** with plug  
**frequencies:** HDX

**Model: MultiReader  
identification Multi-HDX  
with plug**

Data : braun / brown  
Clock : weiss / white  
GND : grün / green  
12V $\pm$ 5% : gelb / yellow  
⏏ : Schirm / shield



Stromaufnahme / Power Consumption : 150mA

Part-No.: 46766  
Serial-No.: 0123456789  
Order-No.: 0123456789



**housing:** antenna box  
**cable:** without plug  
**frequencies:** FDX

**Model: MultiReader  
identification Multi-FDX  
without plug**

Data : braun / brown  
Clock : weiss / white  
GND : grün / green  
12V $\pm$ 5% : gelb / yellow  
⏏ : Schirm / shield



Stromaufnahme / Power Consumption : 150mA

Part-No.: 46230  
Serial-No.: 0123456789  
Order-No.: 0123456789



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**housing:** antenna box

**cable:** with plug

**frequencies:** FDX

**Model: MultiReader  
identification Multi-FDX  
with plug**

Data : braun / brown  
Clock : weiss / white  
GND : grün / green  
12V=; ± 5% : gelb / yellow  
⊕ : Schirm / shield



Stromaufnahme / Power Consumption : 150mA

Part-No.: 46219

Serial-No.: 0123456789

Order-No.: 0123456789



Förster-Technik GmbH

FCC ID.: ZMV-MULTIREADER

This device complies with Part 15 of the FCC  
rules subject to the following two conditions:

- 1) This device may not cause harmful interference.
- 2) This device must accept all interference  
received, including interference that may cause  
undesired operation.

IC: 9711A-MULTIREADER

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