

Amplifier for synthetic optical fibers

NPN type - light/dark-ON output

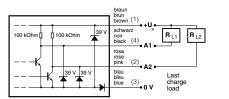
DFP-AN-1A

Sensing range (on mat white paper) with CF-DB1-20

Part number

200 mm

Wiring



10 ... 30 VDC 200 mA max.

PBTP Housing

light/dark-ON A1 A2 excess gain

COVADC122

CE

Amplifier for synthetic optical fibers

NPN type - light/dark-ON output

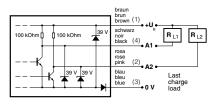
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Housing PBTP

A1 A2 light/dark-ON excess gain

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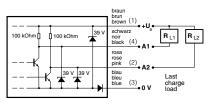
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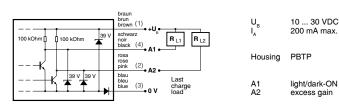
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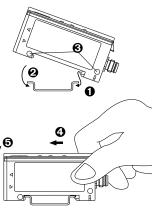
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Sensing range (on mat white paper) with CF-DB1-20

200 mm

Wiring





towards the optical fiber 4, and lift 5. Fixing the optical fibers

holes 6 provided.

Lift catch 6.

Device mounting

Insert the optical fibers through the two holes of provided into the device.

➤ Mounting of the device is most easily

effected by snapping 1 / 2 onto a

top-hat rail (according to DIN / EN

Alternatively, fixing can be effected using M3 screws through the fixing

To remove the device from the rail, push

Lower catch 6.

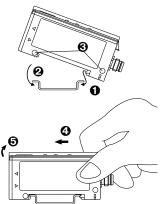
Important:

- > When inserting the optical fibers, the resistance of the device's internal Oring seal must be overcome.
- The optical fibers must be fed right to the stop without fail.
- The optical fibers must not be crushed.
- The sequence (emitter / receiver) is usually immaterial, however:
- With coaxial optical fibers, the optical fiber bundle @ must be connected on the receiver side **9**. The emitter and receiver openings are marked with arrows on the housing.



These proximity switches must not be used in applications where the safety of people is dependent on their functioning. Terms of delivery and rights to change design reserved.

This product is protected by one or several of the following US patents: 5 182 612, 5 767 444, 5 675 143, 5 764 351, 6 031 430, 6 130 489, 6 133 654, 6 133 988. Further patents pending.



Fixing the optical fibers

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Lift catch 6.

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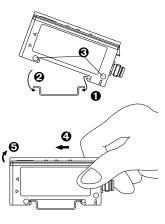
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Device mounting

- Mounting of the device is most easily effected by snapping 1 / 2 onto a top-hat rail (according to DIN / EN
- Alternatively, fixing can be effected using M3 screws through the fixing holes 8 provided.
- To remove the device from the rail, push towards the optical fiber 4, and lift 5.

Fixing the optical fibers

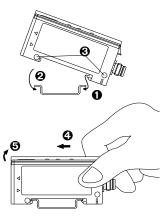
- Lift catch 6.
- Insert the optical fibers through the two holes of provided into the device.
- Lower catch 3.

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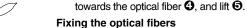
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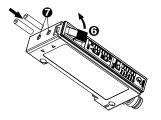
using M3 screws through the fixing

Lower catch 6.

Lift catch 6.

holes 6 provided.

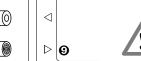
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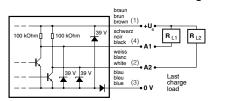
NPN type - light/dark-ON output

DFP-AN-1F

Sensing range (on mat white paper) with CF-DB1-20

200 mm

Wiring



10 ... 30 VDC 200 mA max. \mathbf{U}_{B}

PBTP Housing

light/dark-ON excess gain

Pin assignment (device):

Part number



CE





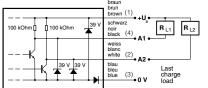
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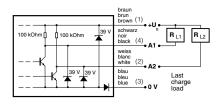
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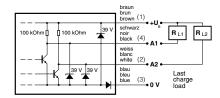
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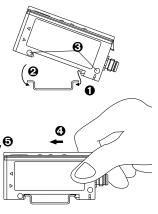
light/dark-ON

Pin assignment (device):



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CE



Device mounting

- ➤ Mounting of the device is most easily effected by snapping 1 / 2 onto a top-hat rail (according to DIN / EN
- Alternatively, fixing can be effected using M3 screws through the fixing holes 6 provided.
- To remove the device from the rail, push towards the optical fiber 4, and lift 5.

Fixing the optical fibers

- Lift catch 6.
- Insert the optical fibers through the two holes of provided into the device.
- Lower catch 6.

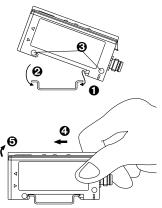
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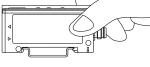
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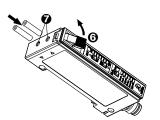


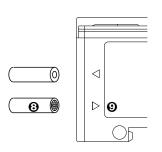
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Device mounting

- ➤ Mounting of the device is most easily effected by snapping 1 / 2 onto a top-hat rail (according to DIN / EN 50022)
- Alternatively, fixing can be effected using M3 screws through the fixing holes 6 provided.
- To remove the device from the rail, push towards the optical fiber 4, and lift 5.

Fixing the optical fibers

- Lift catch 6.
- Insert the optical fibers through the two holes of provided into the device.
- Lower catch 6.

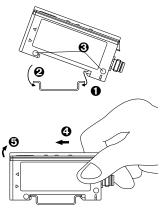
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Fixing the optical fibers

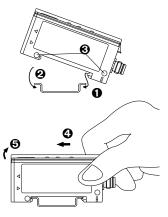
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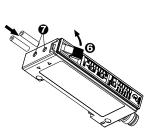
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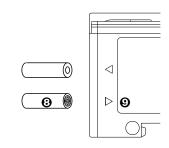
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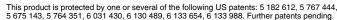
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