



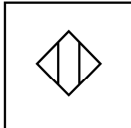
Fiber Amplifier

PNP type - Light-on/Dark-on output

Part number **DFP-AP-1A**

For use in NFPA 79 Applications only

Housing **31 x 60** Switching distance S_n **200 mm**



bn	1	+	Ub
bk	4	A	A1
wh	2	A	A2
bu	3	0	0V

U_B 10...30 VDC
 $I_A \leq 200$ mA

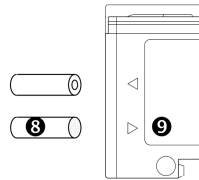
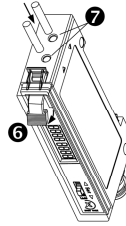
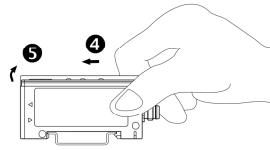
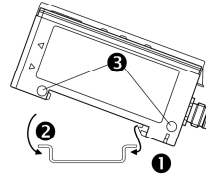
A1: Light-on/Dark-on
A2: Excess gain

For use in class 2 circuits



620-014-913

Operators of the products we supply are responsible for compliance with measures for the protection of persons. The use of our equipment in applications where the safety of persons might be at risk is only authorized if the operator observes and implements separate, appropriate and necessary measures for the protection of persons and machines.



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 **3** 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 **7** provided into the device.
- ⇒ Lower catch **6**.

Important:

- ⇒ When inserting the optical fibers, the resistance of the device's internal O-ring 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 (LFP-1003-020), the optical fiber bundle **8** must be connected on the receiver side **9**. The emitter and receiver openings are marked with arrows on the housing.