## Amplifier for synthetic optical fibers

PNP type - light/dark-ON output

## Partnumber

DFT-AP-1A

Sensing range (on mat white paper) $\mathbf{2 0 0} \mathbf{~ m m}$
with CF-DB1-20

## Wiring


$U_{B} \quad 10 \ldots 30$ VDC

Housing PBTP

## Dimensions:





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.


Max. distance / sensitivity
(LT) Remove target and background. Execute Teach 1.
(LL) Place emitter and receiver so that no light is transmitted. Execute Teach 1.

Min. distance / sensitivity
(LT) Place fiber-optic head about 5 mm from white paper. Execute Teach 1.

LL Place emitter and receiver in direct contact so that a maximum of light is transmitted. Execute Teach 1.

## Remote teach launching

Launch by H signals or by closing a contact at the "Teach" input.

E Teach 1
LT) : Remove target.
LL : Position target. Send pulses T1 and T3.
Timing: T1, T3 $=0.5 \ldots 2 \mathrm{sec}$
T2 = 1.5 .. 2 sec
』 Teach 2
(LT) : Position target and background.
(LI) : Remove target.

Send pulse T1, then
LT : Remove target, leave background in position.
LL) Position target.
Send pulse T3.
Timing: $\quad \mathrm{T} 1, \mathrm{~T} 3=0.5 \ldots 2 \mathrm{sec}$ $\mathrm{T} 2 \geq 3 \mathrm{sec}$


