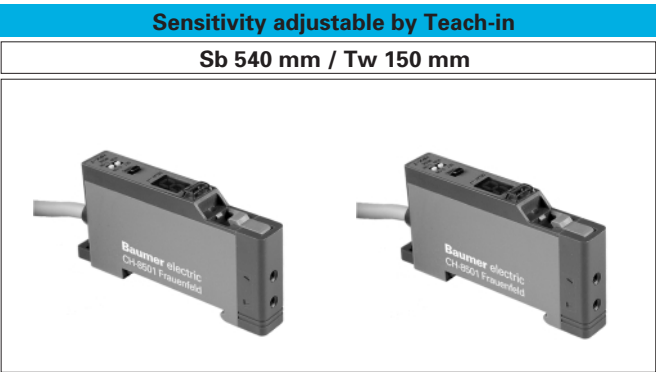


Plastic
fiber optic
sensors
Series 10

PNP	light/dark operate
NPN	light/dark operate

technical data	
actual range Sb (through beam ø 1,5 mm)	540 mm
sensing distance Tw (reflective ø 1,5 mm)	150 mm
excess gain / soiled lens indicator	LED green
teach-in mode	yes
output indicator	LED red
light source	pulsed red diode
wave length	680 nm
voltage supply range	10 - 30 VDC
max. supply current average value / peak value	20 mA / 50 mA
max. switching current	100 mA
voltage drop	≤ 1V
response time	500 µs
release time	500 µs
timer function / release delay	40 ms
short circuit protection	yes
reverse polarity protection	yes
temperature range	-20...+55 °C
housing material	polycarbonate / ABS
cover of control panel	clear polycarbonate
protection class	IP 40
mounting	DIN Rail EN 50022

part number option



Standard 3 pin
FVDK 10P60Y0
FVDK 10N60Y0

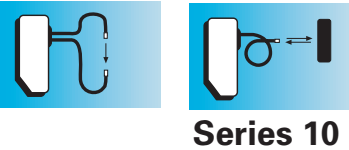
540 mm
150 mm
LED green
yes
LED red
pulsed red diode
680 nm
10 - 30 VDC
20 mA / 50 mA
100 mA
≤ 1V
500 µs
500 µs
40 ms
yes
yes
-20...+55 °C
polycarbonate / ABS
clear polycarbonate
IP 40
DIN Rail EN 50022

flylead connector version 4 pin
FVDK 10x60Y0/KS35A

Remote Teach-in 4 pin
FVDK 10P65Y0
FVDK 10N65Y0

540 mm
150 mm
LED green
yes
LED red
pulsed red diode
680 nm
10 - 30 VDC
20 mA / 50 mA
100 mA
≤ 1V
500 µs
500 µs
40 ms
yes
yes
-20...+55 °C
polycarbonate / ABS
clear polycarbonate
IP 40
DIN Rail EN 50022

flylead connector version 4 pin
FVDK 10x65Y0/KS35A



- Light/dark operate adjustment
- Timer function
- 7-segment display
- Flylead connector version (as option)

