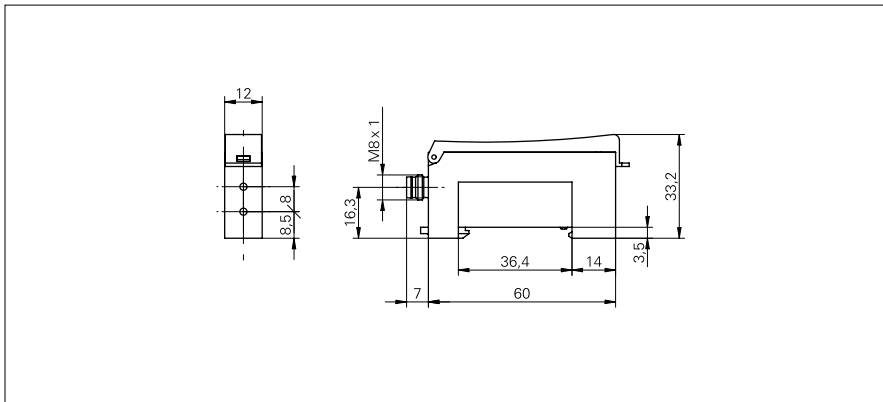


Fiber optic sensors & cables

FVDK 12P6410/S35A

dimension drawing



general data

version	fast version
actual range Sb (FSE 200C1002)	140 mm
sensing distance Tw (FUE 200C1003)	40 mm
light source	pulsed red LED
light indicator	LED green
alignment / soiled lens indicator	LED green, flashing
output indicator	LED yellow
adjustment	Teach-in
wave length	660 nm

electrical data

response time / release time	< 0,05 ms
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	45 mA
current consumption typ.	40 mA
voltage drop Vd	< 1,8 VDC
output function	light / dark operate switchable
output circuit	PNP
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

width / diameter	12 mm
height / length	33,2 mm
depth	60 mm
type	rectangular
housing material	PBT / PC
connection types	connector M8 4 pin

ambient conditions

operating temperature	-25 ... +55 °C
protection class	IP 65

photo



connection diagram

