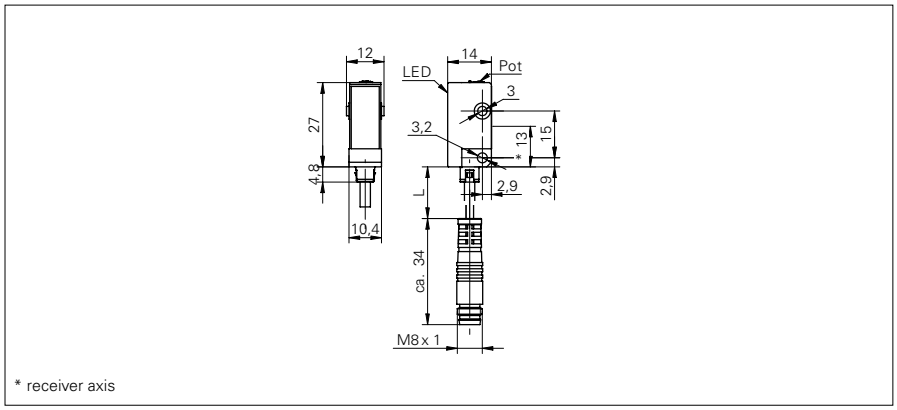
Through beam sensors

FEDK 10P3101/KS35

dimension drawing



* receiver axis

general data

type	through beam sensor
emitter / receiver	receiver
actual range Sb	5 m
nominal range Sn	6 m
alignment / soiled lens indicator	flashing light indicator
light indicator	LED yellow
sensitivity adjustment	potentiometer, 270°

electrical data

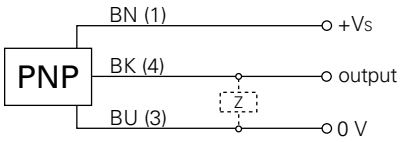
response time / release time	< 1,4 ms
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	16 mA
current consumption typ.	16 mA
voltage drop Vd	< 1,8 VDC
output function	dark operate
output circuit	PNP
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

width / diameter	10,4 mm
height / length	27 mm
depth	14 mm
type	rectangular
housing material	plastic (ASA)
front (optics)	PMMA
connection types	flylead connector M8 3 pin

ambient conditions

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

photo

connection diagram