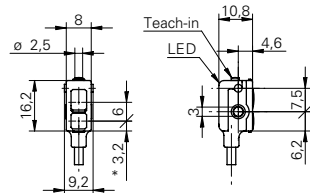


Through beam sensors

FEDK 07

sample drawing



* receiver axis

general data

type	through beam sensor
emitter / receiver	receiver
actual range S_b	2 m
nominal range S_n	2,5 m
alignment / soiled lens indicator	flashing light indicator
light indicator	LED green
output indicator	LED yellow
sensitivity adjustment	Teach-in

electrical data

response time / release time	< 0,5 ms
voltage supply range +Vs	10 ... 30 VDC
current consumption max.	20 mA
current consumption typ.	20 mA
voltage drop Vd	< 1,8 VDC
output function	light / dark operate
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

width / diameter	8 mm
height / length	16,2 mm
depth	10,8 mm
type	rectangular
housing material	plastic (PMMA, MABS, PA)
front (optics)	PMMA

ambient conditions

operating temperature	-20 ... +50 °C
protection class	IP 65

order reference	connection types	output circuit
FEDK 07N6901	cable bottom side, 2 m	NPN
FEDK 07N6901/KS35A	flylead connector M8 4 pin	NPN
FEDK 07P6901	cable bottom side, 2 m	PNP
FEDK 07P6901/KS35A	flylead connector M8 4 pin	PNP

sample picture

