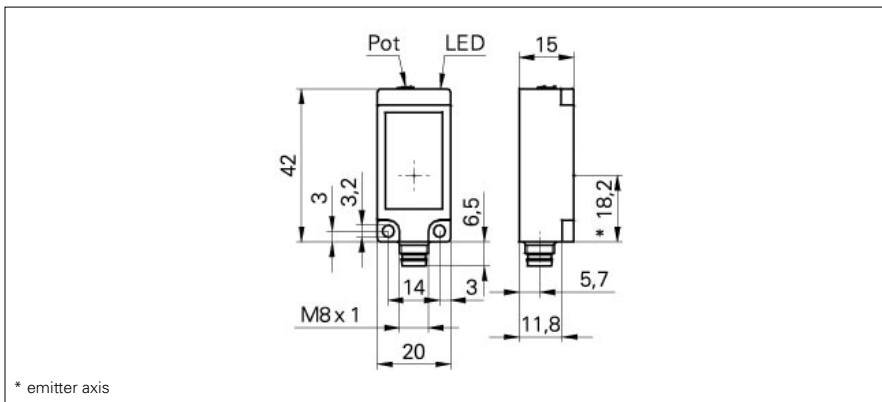


Retro-reflective sensors

FDPK 20P5101/S35A

dimension drawing



general data

type	retro-reflective sensor (rrs)
light source	pulsed red diode
actual range Sb	4,5 m
nominal range Sn	5 m
polarization filter	yes
soiled lens indicator / alignment aid	flashing light indicator
light indicator	LED yellow
sensitivity adjustment	Pot, 270°
wave length	660 nm

electrical data

response time / release time	< 0,5 ms
voltage supply range +Vs	10 ... 30 VDC
current consumption max.	25 mA
current consumption typ.	22 mA
voltage drop Vd	< 1,8 VDC
output function	light / dark operate
output circuit	PNP
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

width / diameter	20 mm
height / length	42 mm
depth	15 mm
type	rectangular
housing material	plastic (PBT-ASA)
connection types	connector

ambient conditions

operating temperature	-25 ... +65 °C
protection class	IP 67

photo



connection diagram

