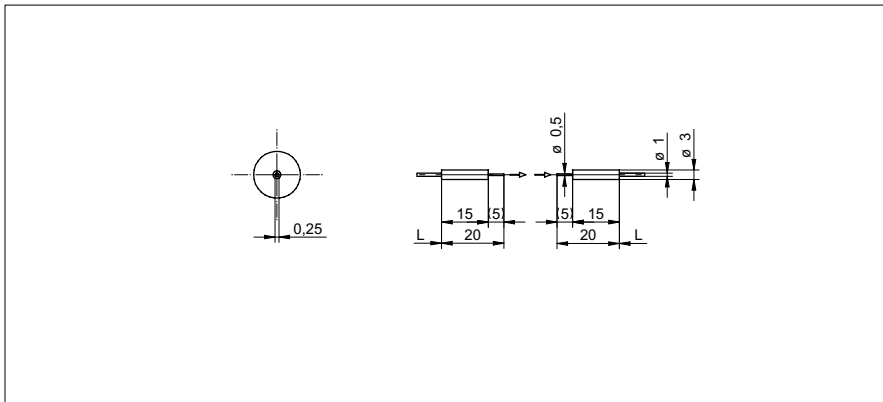


Through beam fiber optics

FSE 200D2Y50

dimension drawing



general data

particular characteristics	small sensing head
type	through beam sensor
actual range Sb	37 mm
response time / release time	0,05 ... 5 ms
type of head (fiber optic cable)	cylindrical smooth (axial)
width / diameter (head)	3 mm
height / length (head)	20 mm
material (head)	stainless steel
bending radius	15 mm
cable jacket diameter	1 mm
material cable jacket	PE
material (fiber optic cable)	plastic
length (fiber optic cable)	2000 mm
operating temperature	-30 ... +70 °C

photo



Sensing distance/response time:

For the definitive sensing distance/response time please see table below "fitting fiber optic sensors".



- Detection of very small objects. Light spot diameter 0,25 mm.

fitting fiber optic sensors	actual range Sb (0,05 ms)	actual range Sb (0,25 ms)	actual range Sb (1 ms)	actual range Sb (5 ms)
FVDK 67 (standard version)	6 mm (HS)	-	25 mm (nL)	37 mm (HP)
FVDK 67 (2 adjustable outputs)	6 mm (HS)	-	25 mm (nL)	37 mm (HP)
FVDK 67 (master/slave)	6 mm (HS)	-	25 mm (nL)	37 mm (HP)
FVDK 66 (standard version)	-	7 mm (FT)	12 mm (nL)	-
FVDK 66 (master/slave)	-	7 mm (FT)	12 mm (nL)	-
FVDK 22	-	-	15 mm (nL)	-
FVDK 12	-	-	15 mm (nL)	-
FVDK 12 (fast version)	14 mm (HS)	-	-	-
FVDK 10	-	-	8 mm (nL)	-
FWDK 84 (analog output)	-	-	4 mm (nL)	-

operating modes
 HS High Speed
 FT fast
 nL Standard
 HP High Sensitivity