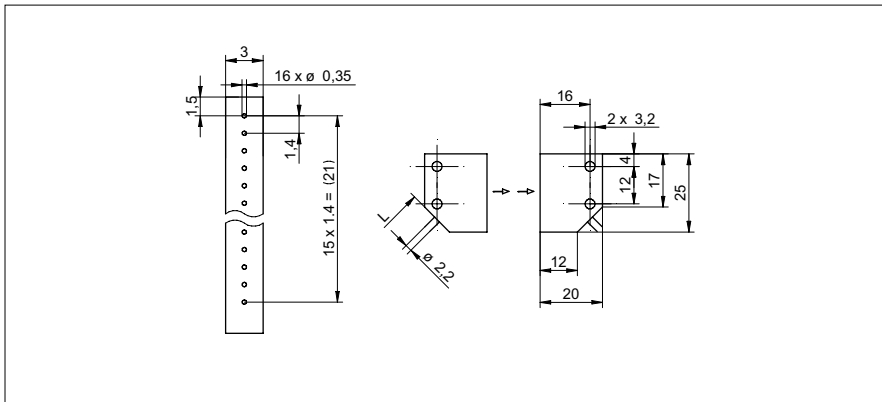


Through beam fiber optics

FSE 200C6Y02

dimension drawing



general data

particular characteristics	array (fine light barrier)
type	through beam sensor
actual range Sb	790 mm
response time / release time	0,05 ... 5 ms
type of head (fiber optic cable)	rectangular
width / diameter (head)	20 mm
height / length (head)	25 mm
depth (head)	3 mm
material (head)	aluminum
bending radius	4 mm
cable jacket diameter	2,2 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".

- Reliably detects small, thin or vibrating workpieces in a light curtain of 21 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)	85 mm (HS)	-	600 mm (nL)	790 mm (HP)
FVDK 67 (2 adjustable outputs)	85 mm (HS)	-	600 mm (nL)	790 mm (HP)
FVDK 67 (master/slave)	85 mm (HS)	-	600 mm (nL)	790 mm (HP)
FVDK 66 (standard version)	-	150 mm (FT)	260 mm (nL)	-
FVDK 66 (master/slave)	-	150 mm (FT)	260 mm (nL)	-
FVDK 22	-	-	200 mm (nL)	-
FVDK 12	-	-	200 mm (nL)	-
FVDK 12 (fast version)	188 mm (HS)	-	-	-
FVDK 10	-	-	100 mm (nL)	-
FWDK 84 (analog output)	-	-	55 mm (nL)	-

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