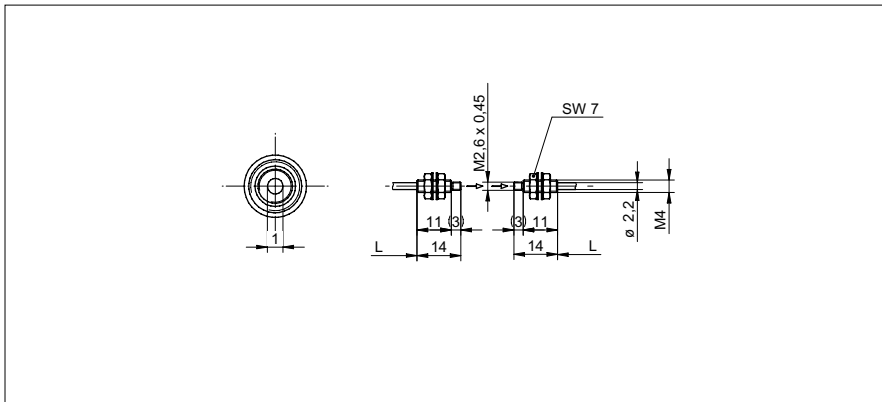


**Through beam fiber optics**

**FSE 200E1Y00**

**dimension drawing**



**general data**

particular characteristics	ultra flexible
type	through beam sensor
actual range Sb	900 mm
response time / release time	0,05 ... 5 ms
type of head (fiber optic cable)	cylindrical threaded (axial)
width / diameter (head)	4 mm
height / length (head)	14 mm
material (head)	stainless steel
bending radius	2 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".



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)	150 mm (HS)	-	600 mm (nL)	900 mm (HP)
FVDK 67 (2 adjustable outputs)	150 mm (HS)	-	600 mm (nL)	900 mm (HP)
FVDK 67 (master/slave)	150 mm (HS)	-	600 mm (nL)	900 mm (HP)
FVDK 66 (standard version)	-	180 mm (FT)	310 mm (nL)	-
FVDK 66 (master/slave)	-	180 mm (FT)	310 mm (nL)	-
FVDK 22	-	-	270 mm (nL)	-
FVDK 12	-	-	270 mm (nL)	-
FVDK 12 (fast version)	255 mm (HS)	-	-	-
FVDK 10	-	-	120 mm (nL)	-
FWDK 84 (analog output)	-	-	75 mm (nL)	-

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