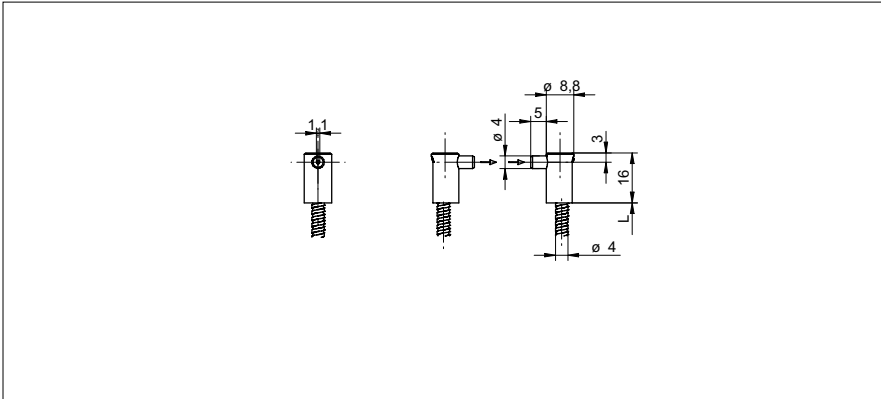


**Through beam fiber optics**

**FSF 050B4003**

**dimension drawing**



**general data**

particular characteristics	heat resistant
type	through beam sensor
actual range Sb	320 mm
response time / release time	0,1 ... 1 ms
type of head (fiber optic cable)	cylindrical smooth (radial)
width / diameter (head)	9 mm
height / length (head)	16 mm
material (head)	aluminum
bending radius	12 mm (stat.) 24 mm (dynam.)
cable jacket diameter	4 mm
material cable jacket	brass chromium plated
fiber cross section	1 mm <sup>2</sup>
material (fiber optic cable)	glass
length (fiber optic cable)	500 mm
operating temperature	-25 ... +120 °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 (0,1 ms)	actual range Sb (0,25 ms)	actual range Sb (0,5 ms)	actual range Sb (1 ms)
FVDM 15	280 mm	-	-	320 mm