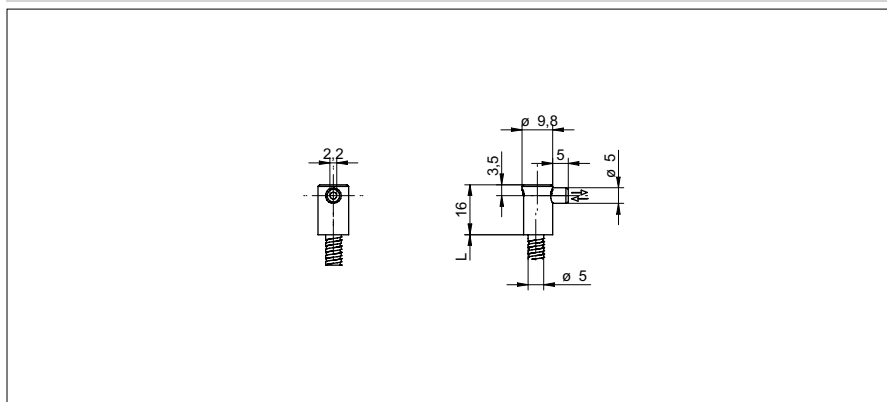


Diffuse sensors fiber optics

FUF 025B4002

dimension drawing



general data

particular characteristics	heat resistant
type	Diffuse sensors
sensing distance T_w	1 ... 110 mm
response time / release time	0,1 ... 1 ms
type of head (fiber optic cable)	cylindrical smooth (radial)
width / diameter (head)	10 mm
height / length (head)	16 mm
material (head)	aluminum
bending radius	15 mm (stat.) 30 mm (dynam.)
cable jacket diameter	5 mm
material cable jacket	brass chromium plated
fiber cross section	2 mm ²
material (fiber optic cable)	glass
length (fiber optic cable)	250 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	sensing distance T_w (0,1 ms)	sensing distance T_w (0,25 ms)	sensing distance T_w (0,5 ms)	sensing distance T_w (1 ms)
FVDM 15	1 ... 90 mm	-	-	1 ... 110 mm