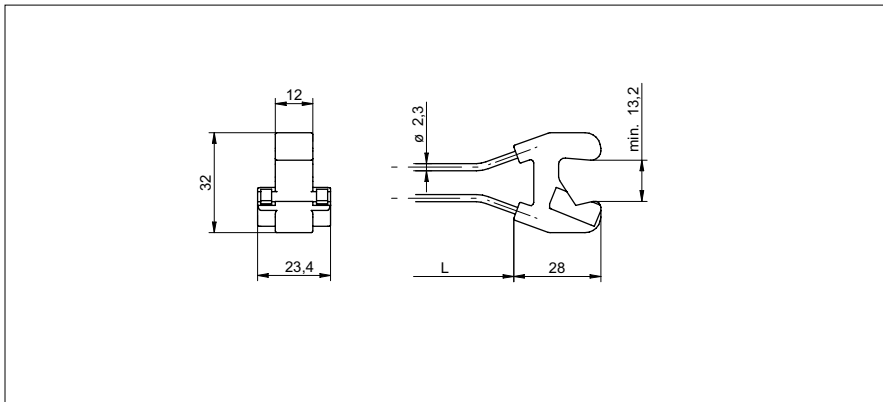


Through beam fiber optics

FSL 500C6Y00

dimension drawing



general data

type	through beam sensor (liquid level sensor)
actual range Sb	13 mm
response time / release time	0,05 ... 5 ms
max. outer diameter of the pipe / tube	3 ... 13 mm
type of head (fiber optic cable)	flach
width / diameter (head)	32 mm
height / length (head)	28 mm
depth (head)	23,4 mm
material (head)	PC
bending radius	4 mm
cable jacket diameter	2,3 mm
material cable jacket	PFI
material (fiber optic cable)	plastic
length (fiber optic cable)	5000 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".

- Detects liquids in (semi-)transparent stand pipes/hoses with 3 - 13 mm diameter.

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)	13 mm (HS)	-	13 mm (nL)	13 mm (HP)
FVDK 67 (2 adjustable outputs)	13 mm (HS)	-	13 mm (nL)	13 mm (HP)
FVDK 67 (master/slave)	13 mm (HS)	-	13 mm (nL)	13 mm (HP)
FVDK 66 (standard version)	-	13 mm (FT)	13 mm (nL)	-
FVDK 66 (master/slave)	-	13 mm (FT)	13 mm (nL)	-
FVDK 22	-	-	13 mm (nL)	-
FVDK 12	-	-	13 mm (nL)	-
FVDK 12 (fast version)	13 mm (HS)	-	-	-
FVDK 10	-	-	13 mm (nL)	-
FWDK 84 (analog output)	-	-	-	-

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