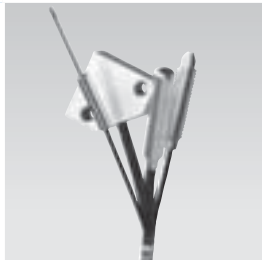





# Fiber optics and fiber optic sensors



					
product family	Plastic fiber optic	FVDK 10	FVDK 8x	FVDK 66 FVDK 12	
version		Plastic fiber optic	Plastic fiber optic	Plastic fiber optic	
characteristics	<ul style="list-style-type: none"> <li>-Extremely varied beam geometries: spot, coaxial, focused, line</li> <li>-Fiber optics resistant to chemicals</li> <li>-High temperature fiber</li> <li>-Lateral beam emission</li> </ul>	<ul style="list-style-type: none"> <li>-Smallest fiber optic sensor</li> <li>-Sensitivity adjustable with potentiometer</li> </ul>	<ul style="list-style-type: none"> <li>-Sensitivity adjustable with potentiometer</li> </ul>	<ul style="list-style-type: none"> <li>-Sensitivity adjustable with Teach-in</li> <li>-Minimized installation procedures (master slave)</li> <li>-Logical output linking available (Duplex version)</li> <li>-Timer functions</li> </ul>	
dimension		10,4 x 27 x 19,5 mm	10 x 29,7 x 60 mm	10 x 33,8 x 70,2 mm	
ranges					
with through beam		160 mm	440 mm	340 mm	
reflective		45 mm	120 mm	130 mm	
response time		< 1 ms	< 0,05 ms	< 0,05 ms	
additional functions			- Off delay	- Alarm output - External Teach-in	
specific characteristics			- Version with analog output	- FVDK 22 (Duplex)	

# Fiber optics and fiber optic sensors

## Fiber optics and fiber optic sensors

- Plastic and glass fiber optics
- Extremely varied fiber optic heads
- Very compact housings
- Sensitivity adjustment with Teach-in or potentiometer
- Quick response times up to 0,05 ms
- Adjustable on / off delay
- Master-Slave systems (minimized wiring expense)
- Output PNP/NPN, analog

				
FVDK 67	Glass fiber optic	FZAM 18	FZAM 30	FVDM 15
Plastic fiber optic		Glass fiber optic	Glass fiber optic	Glass fiber optic
<ul style="list-style-type: none"> <li>- Multi-functional device</li> <li>- Sensitivity adjustable with Teach-in</li> <li>- Minimized installation procedures (master slave)</li> <li>- Timer functions</li> </ul>	<ul style="list-style-type: none"> <li>- Different beam geometries: spot, line</li> <li>- Fiber optics with robust metal sheath</li> <li>- High temperature fiber</li> <li>- Lateral beam emission</li> </ul>	<ul style="list-style-type: none"> <li>- Sensitivity adjustable with Teach-in or potentiometer</li> <li>- Robust metal housing</li> </ul>	<ul style="list-style-type: none"> <li>- Sensitivity adjustable with potentiometer</li> <li>- Robust metal housing</li> <li>- For large ranges</li> </ul>	<ul style="list-style-type: none"> <li>- Sensitivity adjustable with potentiometer</li> <li>- Robust metal housing</li> <li>- Quick response and release times</li> </ul>
10 x 33,8 x 70,2 mm		M18 x 50 mm	M30 x 50 mm	15 x 60 x 45 mm
1400 mm		800 mm	1400 mm	1200 mm
340 mm		150 mm	230 mm	240 mm
< 0,05 ms		< 0,5 ms	< 0,25 ms	< 0,1 ms
<ul style="list-style-type: none"> <li>- Response / release time adjustable</li> <li>- On / off delay</li> <li>- Adjustable minimum pulse length</li> </ul>				
<ul style="list-style-type: none"> <li>- Version with 2 switching points</li> </ul>			<ul style="list-style-type: none"> <li>- Fast version</li> <li>- Versions with high sensitivity</li> </ul>	<ul style="list-style-type: none"> <li>- Fast version</li> </ul>