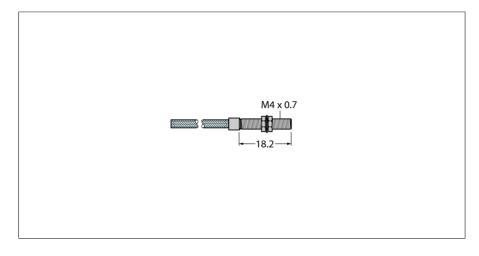


Plastic Fiber Bifurcated Fiber PBCT23TMB5M4



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Туре	PBCT23TMB5M4	
ID	3071385	
Optical data		
Function	Diffuse mode sensor	
Fiber-optic type	Plastic	
Mechanical data		
Design	Circular	
Housing material	Plastic, PE, Black	
Jacket material	STEELSKIN	
Jacket material	metal, 1.4310 (AISI 301)	
Bundle diameter	0.5 mm	
Material of the fiber-optic tip	Stainless Steel	
Bending cycles	2000	
Bending radius	Ø 12 mm	
Ambient temperature	-30+70 °C	
Max. temperature tip	70 °C	

- Operation: diffuse/opposed mode
- Polyethylene sheath, flexible
- Operating temperature: -30...+70 °C
- SteelSkin sheath, terminated
- End sleeve for sensor, coaxial, threaded
- Optical fiber, core diameter 0.5 mm
- Optical fiber, total length: ± 914 mm

Functional principle

Glass or plastic fibers are the optimum choice for high-temperature applications and limited spaces. They transfer the light from the sensor to a remote object. Individual fibers are used for opposed mode sensing, whereas bifurcated fibers are suited for retroreflective or diffuse mode operation.