



Photoelectrics
Sensors
**Fiber Optic
Sensors**
Special Purpose
Sensors
Measurement &
Inspection Sensors

Model Number	Drawing & Dimensions (mm)	Core Dia. (mm)	Min. Bend Radius (mm)	Features	Free Cut*	Typical Range (mm)
PBF16U		0.25	8	• Smooth ferrule	✓	
PBF26U		0.5	12	• Smooth ferrule	✓	
PBF46U		1.0	25	• Smooth ferrule	✓	
PBF46UM3MJ1.3		1.0	25	• Smooth ferrule; thin jacket (ø 1.3)	✓	
PBF66U		1.5	38	• Smooth ferrule; long range	✓	
PBFM16U		0.25	8	• Non-bendable miniature tip	✓	
PBFM46U		1.0	25	• Smooth ferrule	✓	
PBT16U		0.25	8	• Thread	✓	
PBT26U		0.5	12	• Thread	✓	
PBT46U		1.0	25	• Thread	✓	
PBT66U		1.5	38	• Thread; long range	✓	

Vision
Wireless
Indicators
Safety Light Screens
Safety Laser Scanners
Fiber Optic Safety Systems
Safety Controllers & Modules
Safety Two-Hand Control Modules
Safety Interlock Switches
Emergency Stop Devices

FIBER SENSORS
PLASTIC FIBERS
GLASS FIBERS

Diffuse
Standard



NA: WORLD-BEAM QS18 not recommended.
* Fibers can be free cut using fiber cutter (see page 255).



Model Number	Drawing & Dimensions (mm)	Core Dia. (mm)	Min. Bend Radius (mm)	Features	Free Cut*	Typical Range (mm)		
Diffuse	Probe	PBEFP26U		0.5	12	• Smooth ferrule; non-bendable tip	✓	
		PBFMP16UMPF2		0.25	8	• Smooth ferrule; non-bendable tip	✓	
		PBP16U		0.25	8	• Thread; bendable tip	✓	
		PBP26U		0.5	12	• Thread; bendable tip	✓	
		PBP46U		1.0	25	• Thread; bendable tip	✓	
		PBPF26U		0.5	12	• Thread; bendable tip	✓	
		PBPF26UMB		0.5	12	• Flat mounting block; bendable tip	✓	
		PBPMBSB36U		0.75	20	• Smooth ferrule; bendable tip	✓	
		PBPS26U		0.5	12	• Smooth ferrule; bendable tip	✓	
		Side-View		PBPS46U		1.0	25	• Smooth ferrule; bendable tip
PBPS46UMT				1.0	25	• Thread; non-bendable tip	✓	
PBPS66U				1.5	38	• Smooth ferrule; non-bendable tip	✓	



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