

Plastic Fiber-Optic Cable

Reflex Mode

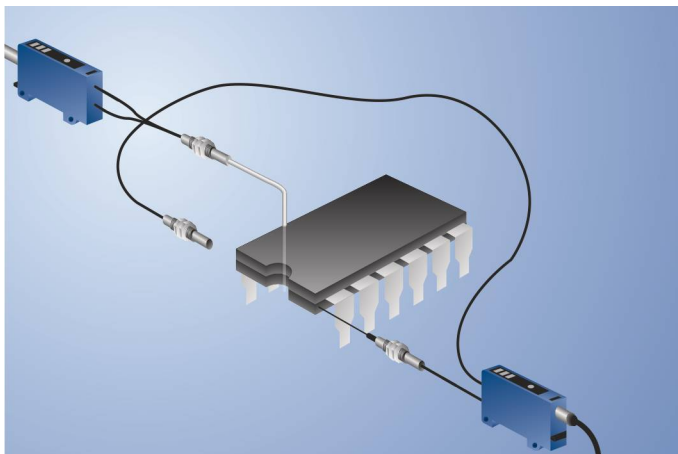
FRS02-2M-10HF

Part Number



- Especially suitable in applications where only minimal space is available
- Fiber-optic cable can be cut to length by the cutting tool

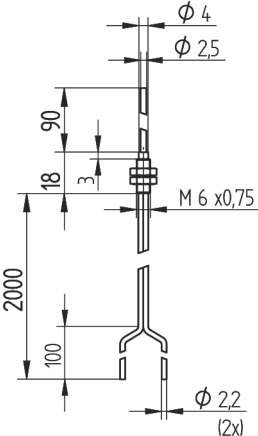
Plastic fiber-optic cables are very flexible and suitable for use in confined spaces. The fiber optics are supplied in 2 m lengths. Special lengths of up to 50 m are possible. Users can shorten the fiber optics using the Z0015 cutting tool.



Technical Data

Optical Data	
Fiber Core Diameter	1 mm
Fiber	Step Index
Fiber Distribution	parallel arrangement
Detection range with P1XD0xx	110 mm
Detection range P1XD10x/11x	150 mm
Detection range P1XD12x/13x	120 mm
Detection range P1XD2xx red light	160 mm
Detection range P1XD2xx blue light	90 mm
Detection range P1XD2xx pink light	180 mm
Opening Angle	55 °
Mechanical Data	
Cable type	High-flex
Temperature Range	-40...60 °C
Bending Radius	2 mm
Fiber-Optic Length L	2 m
Jacket Material	Plastic, PE
Fiber Optic Material	Plastic, PMMA
End sleeve shape	Standard
Material End Sleeve	Stainless steel, V2A (1.4305/303)
Flexible End Sleeve	yes
Bending Radius End Sleeve	60 mm
Jacket Diameter	2,2 mm
Light Emission	straight
End Sleeve No.	FRS02
Packaging unit	1 Piece
Scope of delivery	1 × fiber-optic cable 1 × Z0015 cutting tool 2 × M6 hex nuts

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All dimensions in mm (1 mm = 0.03937 Inch)

