

Plastic Fiber-Optic Cable

Reflex Mode

FRS03-5M-05

Part Number



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

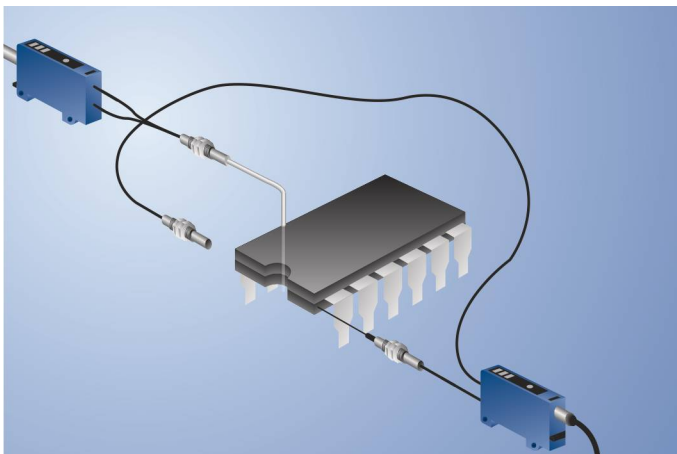
Technical Data

Optical Data	
Fiber Core Diameter	0,5 mm
Fiber	Step Index
Fiber Distribution	parallel arrangement
Detection range with P1XD0xx	40 mm
Detection range P1XD10x/11x	60 mm
Detection range P1XD12x/13x	50 mm
Detection range P1XD2xx red light	60 mm
Detection range P1XD2xx blue light	40 mm
Detection range P1XD2xx pink light	70 mm
Opening Angle	55 °
Mechanical Data	
Cable type	Standard
Temperature Range	-40...70 °C
Bending Radius	15 mm
Fiber-Optic Length L	5 m
Jacket Material	Plastic, PE
Fiber Optic Material	Plastic, PMMA
End sleeve shape	Standard
Material End Sleeve	Stainless steel, V2A (1.4305/303)
Jacket Diameter	1 mm
Light Emission	straight
End Sleeve No.	FRS03
Packaging unit	1 Piece
Scope of delivery	1 × fiber-optic cable 1 × Z0015 cutting tool 1 × Z1XC001 mounting adapter 2 × M3 hex nuts

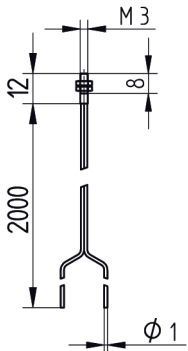
Suitable Mounting Technology No.

310

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.



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All dimensions in mm (1 mm = 0.03937 Inch)

