

Plastic Fiber-Optic Cable

Reflex Mode

K15

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	coaxial arrangement
Range with Sensor Type	60 mm
Range with LA27	10...30 mm
Opening Angle	55 °
Light Spot Diameter with LA27	see Table 1

Mechanical Data

Temperature Range	-40...85 °C
Bending Radius	15 mm
Fiber-Optic Length L	2 m
Jacket Material	Plastic, PE
Fiber Optic Material	Plastic, PMMA
Material End Sleeve	Stainless Steel
Jacket Diameter	1,3 mm *
Light Emission	straight
Packaging unit	1 Piece

Suitable Mounting Technology No.

310

* Refers to receiver cable. The transmitter cable has a diameter of 1 mm.

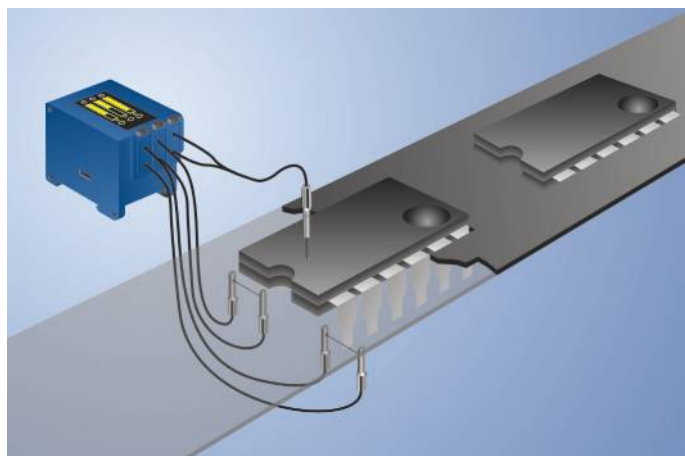
Table 1

Detection Range	10 mm	20 mm	30 mm
Light Spot Diameter	0,5 mm	1 mm	2 mm

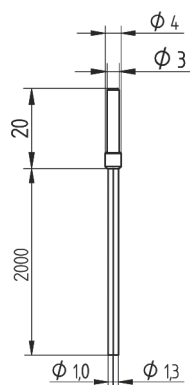
Complementary Products

Lens LA27

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)

