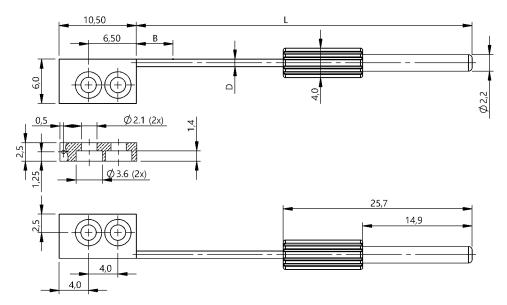
# BFO D10-LAH-CK-EAK-05-02

Order Code: BFO00C6





### **Basic features**

Basic standard IEC 60947-5-2 Reference base unit BFB 75K-001-..

Use for fiber optic base units BFB

Version 0.5 mm, 90°

### **Environmental conditions**

-40...70 °C Ambient temperature

Ambient temperature connection area Acc. to fiber optic sensor

IP rating

## Material

Active surface, fiber arrangement Single fiber Fiber type material PMMA

Housing material Brass, nickel-plated

PΕ Material jacket

Surface protection nickel-plated

### Mechanical data

Active surface, fibers Ø 0.5 mm Cable diameter D 1.00 mm Cable length L 2 m Cable, bending radius min. 1 mm Cable, note can be trimmed Connection Ø 2.2 mm

Connection type Adapter sleeve, 2.00 m, PE

Dimension 2.5 x 10.5 x 6 mm

Fiber optic cable, structure Fiber bundle in plastic jacket

Length B min., without bending 20.00 mm Mounting part Screw M3 Tensile load max. at 20 °C 6 N (max. 3s)

### Range/Distance

Range 55 mm Rated operating distance Sn 55 mm Real switching distance sr 55 mm

### Remarks

Cut cable to length: use suitable cutting tool. Make a single cut, vertical to cable axis. The cut quality can affect the switching distance. Route fiber optic cable so that no excessive tensile, compression or torsional forces are permitted. Observe permissible bending radiuses. Installation may affect the switching distance.

The scope of delivery includes one set of fiber optics for the transmitter and one for the receiver.

# **Opto Symbols**

Subject to change without notice: 217765