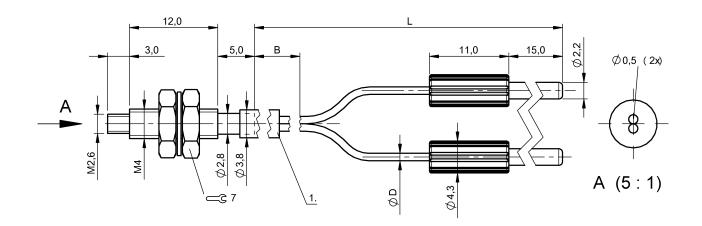
# BFO D10-XAH-KB-EAK-10-02

Order Code: BFO0055





## 1) Protective tube

#### Basic features

Basic standard IFC 60947-5-2 Reference base unit BFB 75K-001-.. for fiber optic base units BFB Use

M4, standard Version

**Environmental conditions** 

Ambient temperature -40...70 °C Ambient temperature connection area Acc. to fiber optic sensor IP65

IP rating

Material

Active surface, fiber arrangement Adjacent to one another

Fiber type material **PMMA** 

1.4305 stainless steel Housing material

Material jacket

### Mechanical data

Active surface, fibers Ø 0.5 mm (2x) 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

Ø 4 x 20 mm Dimension

Fiber optic cable, structure Single fiber in plastic jacket

Length B min., without bending 5.00 mm Mounting part M4 nut Tensile load max. at 20 °C 6 N (max. 3s)

#### Range/Distance

Range 50 mm Rated operating distance Sn 50 mm Real switching distance sr 50 mm

### Remarks

The cutting tool is included in the scope of delivery

order other accessories separately.

Cut cable to length: use suitable cutting tool. Make a single cut, vertical to cable axis. The cut quality can affect the switching distance.

Reference object (target): gray card, 200 x 200, 90 % remission, axial approach.

PΕ

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.

Subject to change without notice: 158372

# Opto Symbols

