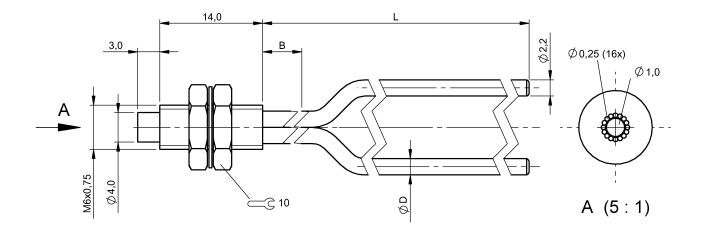
## Reflectors, Fibers, Optics BFO D22-XB-LB-EAK-15-02 Order Code: BFO0066





| Basic features   |                                     | Mechanical data                |                                |
|--|-------------------------------------|--------------------------------|--------------------------------|
| Basic standard   | IEC 60947-5-2                       | Active surface, fibers         | Ø 1.0 mm                       |
| Reference base unit  | BFB 75K-001                         |                                | Ø 0.25 mm (16x)                |
| Use  | for fiber optic base units BFB      | Cable diameter D               | 2.20 mm                        |
| Version  | M6, coaxial optics                  | Cable length L                 | 2 m                            |
|  |                                     | Cable, bending radius min.     | 25 mm                          |
| Environmental conditions                                       |                                     | Cable, note                    | can be trimmed                 |
|  |                                     | Connection type                | Cable, 2.00 m, PE              |
| Ambient temperature  | -5570 °C                            | Dimension                      | Ø 6 x 17 mm                    |
| Ambient temperature connection area Acc. to fiber optic sensor |                                     | Fiber optic cable, structure   | Single fiber in plastic jacket |
| IP rating  | IP65                                |                                | Fiber bundle in plastic jacket |
|  |                                     | Length B min., without bending | 20.00 mm                       |
| Material   |                                     | Mounting part                  | Nut M6x0.75                    |
| Active surface, fiber arrangemen<br>Fiber type material        | t Ring around individual fiber PMMA | Tensile load max. at 20 °C     | 6 N (max. 3s)                  |
| Housing material   | Stainless steel (1.4305)            | Range/Distance                 |                                |
| •  |                                     | 5                              |                                |
| Material jacket  | PE                                  | Range                          | 120 mm                         |
|  |                                     | Rated operating distance Sn    | 120 mm                         |
|  |                                     | Real switching distance sr     | 120 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.

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.

## **Opto Symbols**

**↓**