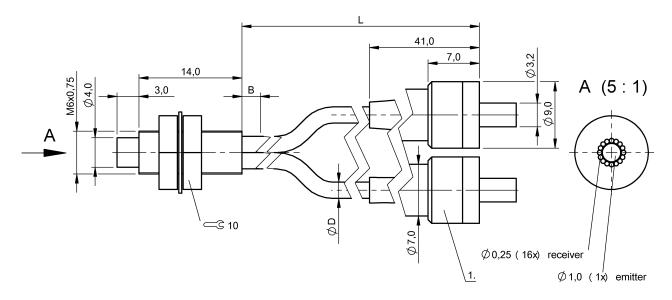
BFO D22-XB-LB-EAK-15-SA1-01

Order Code: BFO00FP





1) SMA 905

Basic features

Basic standardIEC 60947-5-2Reference base unitBFS 33M-GSS-..

Use for fiber optic base units BFB

Version M6, coaxial optics

Environmental conditions

Ambient temperature -55...70 °C

Ambient temperature connection area Acc. to fiber optic sensor

Protection degree IP65

Material

Active surface, fiber arrangement Ring around individual fiber Fiber type material PMMA

Housing material Stainless steel (1.4305)

Material jacket PE

Mechanical data

 Active surface, fibers
 Ø 0.25 mm (16x)

 Ø 1.0 mm

 Cable diameter D
 2.20 mm

 Cable length L
 1 m

Cable, bending radius min.25 mmConnection typeCable, 1.00 m, PE

Dimension Ø 6 x 17 mm

Fiber optic cable, structure Single fiber in plastic jacket Fiber bundle in plastic jacket

6 N (max. 3s)

Length B min., without bending20.00 mmMountingNut M6x0.75

Range/Distance

Tensile load max. at 20 °C

Range 80 mm
Rated operating distance Sn 80 mm
Real switching distance sr 80 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

