



### Basic features

Basic standard	IEC 60947-5-2
Reference base unit	BOS 16K-...FI-..
Version	UNF thread, standard

### Environmental conditions

Ambient temperature	-45...275 °C
Ambient temperature connection area	Acc. to fiber optic sensor

### Material

Active surface, fiber arrangement	Homogeneous bundle
Fiber type material	Glass
Housing material	Brass
Material jacket	Stainless steel

### Mechanical data

Active surface, fibers	Bundle Ø 3.2 mm
Cable length L	0.9 m
Cable, bending radius min.	25 mm
Connection	Ø 4.8 mm
Connection type	Adapter sleeve, 0.90 m, Stainless steel
Fiber optic cable, structure	Fiber bundle in metal coil
Mounting part	Diameter 7.1 mm Nut 5/16"-24UNF
Tensile load max. at 20 °C	67 N

### Range/Distance

Range	500 mm
Rated operating distance $S_n$	500 mm
Real switching distance $s_r$	500 mm

### Remarks

Two BFO must be ordered for a complete pair.

### Opto Symbols

