



### Basic features

<b>Basic standard</b>	IEC 60947-5-2
<b>Reference base unit</b>	BOS 16K-...-FI-..
<b>Version</b>	UNF threads, 90° connection

### Environmental conditions

<b>Ambient temperature</b>	-45...275 °C
<b>Ambient temperature connection area</b>	Acc. to fiber optic sensor

### Material

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

### Mechanical data

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

### Range/Distance

<b>Range</b>	80 mm
<b>Rated operating distance S<sub>n</sub></b>	80 mm
<b>Real switching distance s<sub>r</sub></b>	80 mm

### Opto Symbols

