



Basic features

Basic standard	IEC 60947-5-2
Reference base unit	BOS 16K-...-FI-..
Version	Ø 6.3, 90° optics

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 2.4 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 6.3 mm
Tensile load max. at 20 °C	67 N

Range/Distance

Range	40 mm
Rated operating distance S_n	40 mm
Real switching distance s_r	40 mm

Opto Symbols

