



Basic features

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

Environmental conditions

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

Material

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

Mechanical data

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|-------------------------------------|---|
| 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 | Nut 5/16"-24UNF |
| Tensile load max. at 20 °C | 67 N |

Range/Distance

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|---|-------|
| Range | 80 mm |
| Rated operating distance S_n | 80 mm |
| Real switching distance s_r | 80 mm |

Opto Symbols

