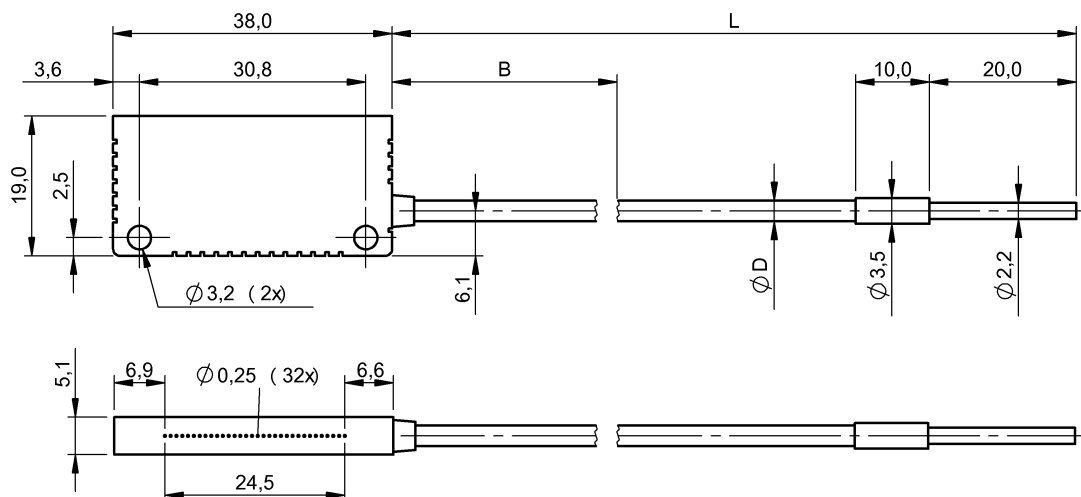




Basic features

Reference base unit	BFB 75K-001-..
Use	for fiber optic base units BFB
Version	5.5x38, 90°-light grid

Environmental conditions

Ambient temperature	-55...70 °C
Ambient temperature connection area	Acc. to fiber optic sensor
IP rating	IP65

Material

Active surface, fiber arrangement	Row
Fiber type material	PMMA
Housing material	ABS
Material jacket	PE

Mechanical data

Active surface, fibers	Ø 0.25 mm (32x)
Cable diameter D	2.80 mm
Cable length L	2 m
Cable, bending radius min.	60 mm
Connection	Ø 2.2 mm
Connection type	Adapter sleeve, 2.00 m, PE
Dimension	5.1 x 19 mm
Fiber optic cable, structure	Fiber bundle in plastic jacket
Length B min., without bending	20.00 mm
Mounting part	Screw M3
Tensile load max. at 20 °C	6 N (max. 3s)

Range/Distance

Rated operating distance S_n	550 mm
Real switching distance s_r	550 mm

Remarks

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.

The scope of delivery includes one set of fiber optics for the transmitter and one for the receiver.

Opto Symbols

