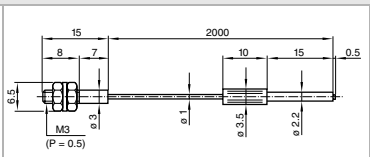
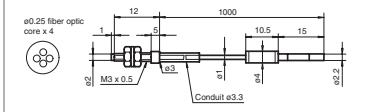
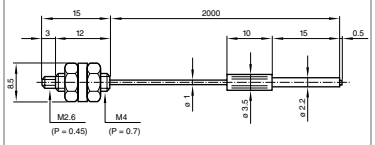
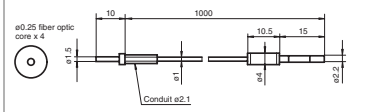
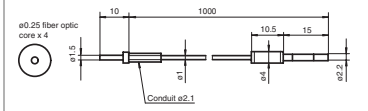
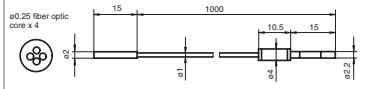
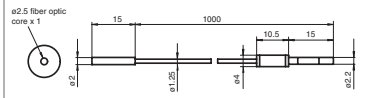
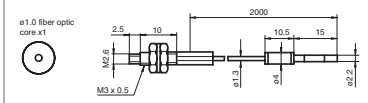
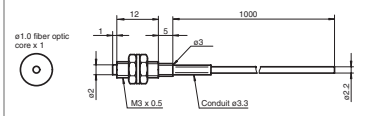
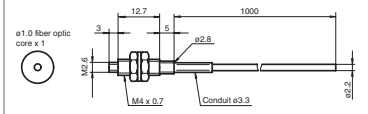
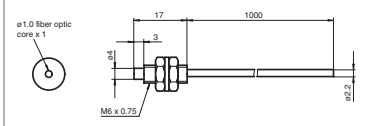
Head shape	Mounting	Model number	Core	Detection range	Fibre cross-section	minimum Object size	Fibre optic length	Bend radius	Dimensions	Special features
Precise										
Thread	M3 x 0,5	KLE 00-1,0-2,0-K54	PMMA	65 mm	0,5 mm		2 m	min. 15 mm		Significantly increased detection range with auxiliary lens K-LA03
Thread	M3 x 0,5	KLE-C04-1,0-1,0-K104	PMMA	80 mm	4 x 0,25 mm	0,12 mm	1 m	min. 15 mm		
Thread	M4 x 0,7 /M2,6	KLE 00-1,0-2,0-K51	PMMA	65 mm	0,5 mm		2 m	min. 15 mm		Significantly increased detection range with auxiliary lenses K-LA01/K-LA02
Cylindrical	dia. 1,5 mm	KLE-C01-1,0-1,0-K107	PMMA	20 mm	0,25 mm	0,05 mm	1 m	min. 10 mm		
Cylindrical	dia. 1,5 mm	KLE-C04-1,0-1,0-K108	PMMA	80 mm	4 x 0,25 mm	0,12 mm	1 m	min. 10 mm		
Cylindrical	dia. 2 mm	KLE-C04-1,0-1,0-K106	PMMA	80 mm	4 x 0,25 mm	0,05 mm	1 m	min. 10 mm		
Cylindrical	dia. 2 mm	KLE-C01-1,25-1,0-K105	PMMA	20 mm	0,25 mm	0,05 mm	1 m	min. 15 mm		
Flexible										
Thread	M3 x 0,5 /M2,6	KLE-C01-1,3-2,0-K112	PMMA	250 mm	1 mm	0,25 mm	2 m	min. 15 mm		Significantly increased detection range with auxiliary lenses K-LA01/K-LA02
Thread	M3 x 0,5	KLE-C01-2,2-1,0-K103	PMMA	300 mm	1 mm	0,25 mm	1 m	min. 25 mm		Significantly increased detection range with auxiliary lens K-LA03
Thread	M4 x 0,7 /M2,6	KLE-C01-2,2-1,0-K102	PMMA	300 mm	1 mm	0,25 mm	1 m	min. 25 mm		Significantly increased detection range with auxiliary lenses K-LA01/K-LA02
Thread	M6	KLE-C01-2,2-1,0-K100	PMMA	300 mm	1 mm	0,32 mm	1 m	min. 25 mm		Significantly increased detection range with auxiliary lens K-LA05

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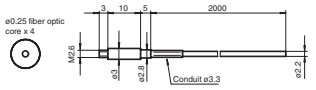
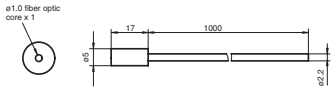
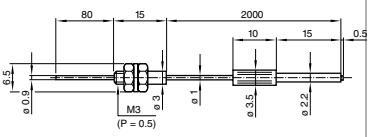
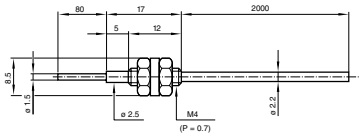
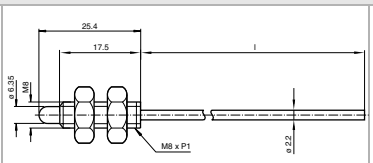
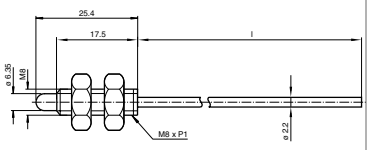
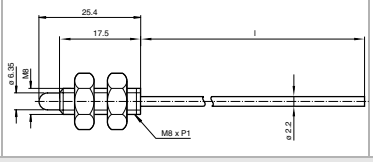
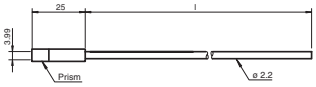
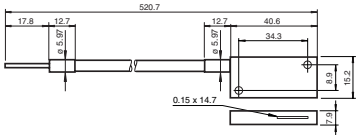
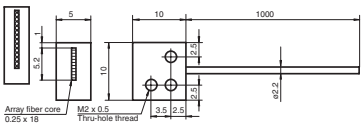
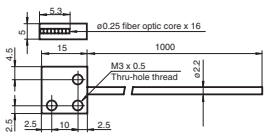
Head shape	Mounting	Model number	Core	Detection range	Fibre cross-section	minimum Object size	Fibre optic length	Bend radius	Dimensions	Special features
Cylindrical	M2,6	KLE-C01-2,2-2,0-K113	PMMA	250 mm	1 mm	0,25 mm	2 m	min. 25 mm		Significantly increased detection range with auxiliary lenses K-LA01/K-LA02
Cylindrical	dia. 5 mm	KLE-C01-2,2-1,0-K101	PMMA	300 mm	1 mm	0,32 mm	1 m	min. 25 mm		
Bendable tip										
Thread	M3	KLE 00-1,0-2,0-K56	PMMA	45 mm	0,5 mm		2 m	min. 15 mm		
Thread	M4	KLE 00-2,2-2,0-K55	PMMA	250 mm	1 mm		2 m	min. 25 mm		
High detection range										
Thread	M8 x 1	FEF-PLT1	PMMA	7000 mm	1 mm		1 m	min. 25 mm		Narrow beam
Thread	M8 x 1	FEF-PLT1-L02	PMMA	7000 mm	1 mm		2 m	min. 25 mm		Narrow beam. Detection range relating to FEF-PLT1
Thread	M8 x 1	FEF-PLT1-L05	PMMA	7000 mm	1 mm		4 m	min. 25 mm		Narrow beam. Detection range relating to FEF-PLT1
Side view / Periscope										
Cylindrical		HPF-T021-H	PMMA	340 mm			2 m	min. 25 mm		
Array										
		HPF-T020-H	PMMA	550 mm	0,15 x 14,9 mm		0,58 m	min. 25 mm		
	3 x M2 x 0,5	KLE-A16-2,2-1,0-K109	PMMA	100 mm	18 x 0,25 mm	0,05 mm	1 m	min. 25 mm		
	3 x M3 x 0,5	KLE-A16-2,2-1,0-K110	PMMA	250 mm	16 x 0,25 mm	0,05 mm	1 m	min. 25 mm		

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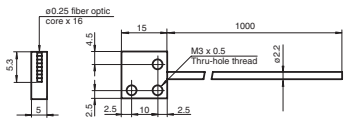
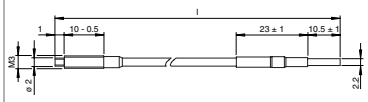
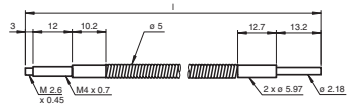
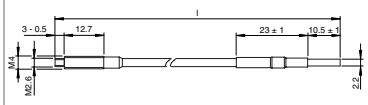
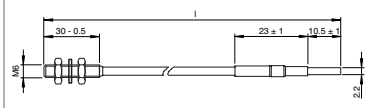
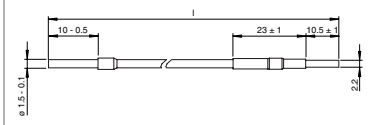
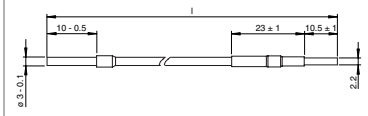
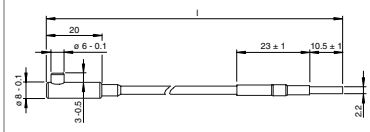
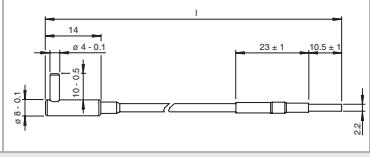
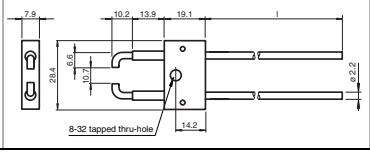
Subject to reasonable modifications due to technical advances. Copyright Pepperl+Fuchs, Printed in Germany

Head shape	Mounting	Model number	Core	Detection range	Fibre cross-section	minimum Object size	Fibre optic length	Bend radius	Dimensions	Special features
	3 x M3 x 0,5	KLE-A16-2,2-1,0-K111	PMMA	250 mm	16 x 0,25 mm	0,05 mm	1 m	min. 25 mm		
Sturdy design										
Thread	M3	LHE 00-1,1-1,0-14M3	glass	150 mm	1,1 mm		1 m	4 mm static		'- 40°C ... + 180 °C Significantly increased detection range with auxiliary lens K-LA03
Thread	M4 x 0,7 /M2,6	HPF-T052-H	glass	360 mm	1,02 mm		1 m	min. 25 mm		- 40°C ... + 307 °C
Thread	M4 x 0,7 /M2,6	LHE 00-1,1-1,0-20M4	glass	150 mm	1,1 mm		1 m	4 mm static		- 40°C ... + 180 °C Significantly increased detection range with auxiliary lenses K-LA01 / K-LA02
Thread	M6	LHE 00-1,1-1,0-G	glass	150 mm	1,1 mm		1 m	4 mm static		- 40°C ... + 180 °C Significantly increased detection range with auxiliary lens K-LA06
Cylindrical	dia. 1,5 mm	LHE 00-1,1-1,0-10C1,5	glass	150 mm	1,1 mm		1 m	4 mm static		- 40°C ... + 180 °C
Cylindrical	dia. 3 mm	LHE 00-1,1-1,0-15C3	glass	150 mm	1,1 mm		1 m	4 mm static		- 40°C ... + 180 °C
Right angle	Bar 3 mm	LHE 00-1,1-1,0-WC3	glass	150 mm	1,1 mm		1 m	4 mm static		- 40°C ... + 180 °C
Right angle	Bar 10 mm	LHE 00-1,1-1,0-K9	glass	150 mm	1,1 mm		1 m	4 mm static		- 40°C ... + 180 °C
Special design										
Rectangular		HPF-T022-H	PMMA	10,7 mm			2 m	min. 25 mm		Label detection

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