

Fibre-optic cables – standard

Fibre-optic cable	Proximity sensor (T) Photoelectric sensor (L)	Typical scanning distance / range	Light exit	Special features	For fibre-optic sensors	
18/30 R. 0,4/xxxx-Si		T	Up to 3 mm	Axial	<ul style="list-style-type: none"> Small mounting dimensions Robust design 	FMS 18 / FMS 30
18/30 R. 1/xxxx-Si/MSC/PVC		T	Up to 15 mm	Axial	<ul style="list-style-type: none"> Small mounting dimensions Robust design 	FMS 18 / FMS 30
18/30 R. 2/xxxx-Si/MSC/PVC		T	Up to 60 mm	Axial	<ul style="list-style-type: none"> Robust design 	FMS 18 / FMS 30
18/30 R. 3/xxxx-Si/MSC/PVC		T	Up to 200 mm	Axial	<ul style="list-style-type: none"> Robust design 	FMS 18 / FMS 30
30 R. 4/xxxx-Si/MSC		T	Up to 400 mm	Axial	<ul style="list-style-type: none"> Long range Robust design 	FMS 18 / FMS 30
30 R. 12/xxxx-Si/MSC		T	Up to 800 mm	Axial	<ul style="list-style-type: none"> Long range Immune to contamination Robust design 	FMS 18 / FMS 30
K1R-101		T	Up to 95 mm	Axial	<ul style="list-style-type: none"> Small mounting dimensions Suitable for ancillary lens 	FL 70 / FL 20
K2R-102		T	Up to 295 mm	Axial	<ul style="list-style-type: none"> Short fastening sleeve 	FL 70 / FL 20
K2R-6		T	Up to 265 mm	Axial	<ul style="list-style-type: none"> Short fastening sleeve 	FL 70 / FL 20
LLK1RM3-PE-1m		T	Up to 55 mm	Axial	<ul style="list-style-type: none"> Stainless steel head with low head diameter 	FL 70 / FL 20
LLK2RM6-PE-1m		T	Up to 280 mm	Axial	<ul style="list-style-type: none"> Stainless steel head 	FL 70 / FL 20
33R1/xxx-MSC/Si		T	Up to 210 mm	Axial	<ul style="list-style-type: none"> Robust design Low damping 	FL 70 / FL 20
K1R-68		T	Up to 200 mm	Axial	<ul style="list-style-type: none"> Very small bending radius Suitable for ancillary lens 	FL 70 / FL 20
K1R-35		T	Up to 80 mm	Axial	<ul style="list-style-type: none"> Precise switching behaviour on lateral approach Fibre length individually cuttable Suitable for ancillary lens 	FL 70 / FL 20
K2R-25		T	Up to 240 mm	Axial	<ul style="list-style-type: none"> Precise switching behaviour on lateral approach Short fastening sleeve 	FL 70 / FL 20
LLK1RKM3-PE-1m		T	Up to 150 mm	Axial	<ul style="list-style-type: none"> Precise switching behaviour on lateral approach Suitable for ancillary lens 	FL 70 / FL 20
LLK1RKM3-18-PE-2m		T	Up to 150 mm	Axial	<ul style="list-style-type: none"> Precise switching behaviour on lateral approach Short fastening sleeve Suitable for ancillary lens 	FL 70 / FL 20
LLK2RKM6-PE-1m		T	Up to 310 mm	Axial	<ul style="list-style-type: none"> Precise switching behaviour on lateral approach 	FL 70 / FL 20
18/30 RZ 1/xxxx-Si/MSC		T	Up to 15 mm	Radial	<ul style="list-style-type: none"> For restricted spaces Robust design Low damping 	FMS 18 / FMS 30
18/30 RZ 2/xxxx-Si/MSC/PVC		T	Up to 60 mm	Radial	<ul style="list-style-type: none"> For restricted spaces Robust design Low damping 	FMS 18 / FMS 30
18/30 RZ 3/xxxx-Si/MSC/PVC		T	Up to 200 mm	Radial	<ul style="list-style-type: none"> For restricted spaces Robust design Low damping 	FMS 18 / FMS 30
30 RZ 4/xxxx-Si/MSC		T	Up to 400 mm	Radial	<ul style="list-style-type: none"> For restricted spaces Long range Robust design 	FMS 18 / FMS 30
30 RZ 12/xxxx-Si/MSC		T	Up to 800 mm	Radial	<ul style="list-style-type: none"> For restricted spaces Long range Robust design Immune to contamination 	FMS 18 / FMS 30
33 RZ 1/xxx-MSC		T	Up to 210 mm	Radial	<ul style="list-style-type: none"> For restricted spaces Robust design Low damping 	FL 70 / FL 20
LLK2RZ (LS=10)		T	Up to 200 mm	Radial	<ul style="list-style-type: none"> For restricted spaces Precise switching behaviour on lateral approach 	FL 70 / FL 20
K1RZ-31		T	Up to 30 mm	Radial	<ul style="list-style-type: none"> For restricted spaces Very fine stainless steel tip 	FL 70 / FL 20

Fibre-optic cable	Proximity sensor (T) Photoelectric sensor (L)	Typical scanning distance / range	Light exit	Special features	For fibre-optic sensors
18/30 L 0,4/xxxx-Si	 L	Up to 20 mm	Axial	<ul style="list-style-type: none"> Small mounting dimensions Robust design 	FMS 18 / FMS 30
18/30 L 1/xxxx-Si/MSC/PVC	 L	Up to 100 mm	Axial	<ul style="list-style-type: none"> Small mounting dimensions Robust design 	FMS 18 / FMS 30
18/30 L 2/xxxx-Si/MSC/PVC	 L	Up to 400 mm	Axial	<ul style="list-style-type: none"> Robust design 	FMS 18 / FMS 30
18/30 L 3/xxxx-Si/MSC/PVC	 L	Up to 1000 mm	Axial	<ul style="list-style-type: none"> Long range Robust design 	FMS 18 / FMS 30
30 L 4/xxxx-Si/MSC	 L	Up to 3000 mm	Axial	<ul style="list-style-type: none"> Long range Robust design 	FMS 18 / FMS 30
30 L 12/xxxx-Si/MSC	 L	Up to 4800 mm	Axial	<ul style="list-style-type: none"> Long range Robust design Immune to contamination 	FMS 18 / FMS 30
K2L-201	 L	Up to 200 mm	Axial	<ul style="list-style-type: none"> Small mounting dimensions Suitable for ancillary lens 	FL 70 / FL 20
K2L-202	 L	Up to 800 mm	Axial	<ul style="list-style-type: none"> Short fastening sleeve Suitable for ancillary lens 	FL 70 / FL 20
K2L-7	 L	Up to 810 mm	Axial	<ul style="list-style-type: none"> Small mounting dimensions Suitable for ancillary lens 	FL 70 / FL 20
K2L-77	 L	Up to 550 mm	Axial	<ul style="list-style-type: none"> Oil-resistant Expanded temperature range Suitable for ancillary lens 	FL 70 / FL 20
LLK2LM3-PE-1m	 L	Up to 240 mm	Axial	<ul style="list-style-type: none"> Stainless steel head Suitable for ancillary lens Small mounting dimensions 	FL 70 / FL 20
LLK2LM4-PE-1m	 L	Up to 780 mm	Axial	<ul style="list-style-type: none"> Stainless steel head Suitable for ancillary lens 	FL 70 / FL 20
K1L-78	 L	Up to 405 mm	Axial	<ul style="list-style-type: none"> Very small bending radius Small mounting dimensions Suitable for ancillary lens 	FL 70 / FL 20
33L1/500-MSC	 L	Up to 550 mm	Axial	<ul style="list-style-type: none"> Robust design Low damping Suitable for ancillary lens 	FL 70 / FL 20
18/30 LZ 1/xxxx-Si/MSC	 L	Up to 100 mm	Radial	<ul style="list-style-type: none"> For restricted spaces Robust design Low damping 	FMS 18 / FMS 30
18/30 LZ 2/xxxx-Si/MSC/PVC	 L	Up to 400 mm	Radial	<ul style="list-style-type: none"> For restricted spaces Robust design Various sheaths Low damping 	FMS 18 / FMS 30
18/30 LZ 3/xxxx-Si/MSC/PVC	 L	Up to 1000 mm	Radial	<ul style="list-style-type: none"> For restricted spaces Robust design Low damping Expanded range 	FMS 18 / FMS 30
30 LZ 4/xxxx-Si/MSC	 L	Up to 3000 mm	Radial	<ul style="list-style-type: none"> For restricted spaces Robust design Low damping Long range 	FMS 18 / FMS 30
30 LZ 12/xxxx-Si/MSC	 L	Up to 4800 mm	Radial	<ul style="list-style-type: none"> For restricted spaces Robust design Low damping Long range Immune to contamination 	FMS 18 / FMS 30
33 LZ 1/xxx-Si/MSC	 L	Up to 550 mm	Radial	<ul style="list-style-type: none"> For restricted spaces Robust design Low damping 	FL 70 / FL 20
LLK2LZ	 L	Up to 600 mm	Radial	<ul style="list-style-type: none"> For restricted spaces Precise switching behaviour on lateral approach Fibre length individually cuttable 	FL 70 / FL 20
K2L-34	 L	Up to 150 mm	Radial	<ul style="list-style-type: none"> For restricted spaces Very fine tip 	FL 70 / FL 20