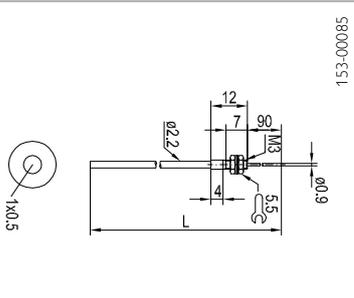
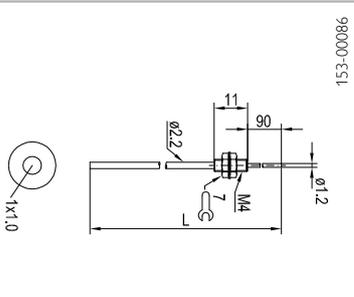


Fibre-optic cables – special designs

K2L-203 fibre-optic cable						Highlights					
						<ul style="list-style-type: none"> • Through-beam photoelectric sensor • Very fine bendable stainless steel tip • Particularly suitable for restricted spaces • Fibre length individually cuttable • For FL 70/FL 20 devices 					
Design	FL 70	FL 20	Fibre	Suitable	Core fibre	Sheath	Ambient	Fibre	Cable	Collar	LS
Light exit	typ. scanning distance (mm)	typ. scanning distance (mm)	arrangement	for ancillary lens	Ø (mm)	material	temperature (rigid installation)	bending radius (mm)	length	bushing	(mm)
	Standard / Fine / High	Default setting			(T = Transmitter; R = Receiver)						
Mono / axial	120 / 60 / 190	–	See drawing	–	1 x 0.5 (T) 1 x 0.5 (R) PMMA	Polyethylene (PE)	-40 ... +70 °C	15	2 m Cuttable	M3 Stainless steel	–

Part number	Article number
K2L-203	721-50773

K2L-204 fibre-optic cable						Highlights					
						<ul style="list-style-type: none"> • Through-beam photoelectric sensor • Very fine bendable stainless steel tip • Particularly suitable for restricted spaces • Fibre length individually cuttable • For FL 70/FL 20 devices 					
Design	FL 70	FL 20	Fibre	Suitable	Core fibre	Sheath	Ambient	Fibre	Cable	Collar	LS
Light exit	typ. scanning distance (mm)	typ. scanning distance (mm)	arrangement	for ancillary lens	Ø (mm)	material	temperature (rigid installation)	bending radius (mm)	length	bushing	(mm)
	Standard / Fine / High	Default setting			(T = Transmitter; R = Receiver)						
Mono / axial	350 / 195 / 720	180	See drawing	–	1 x 1.0 (T) 1 x 1.0 (R) PMMA	Polyethylene (PE)	-40 ... +70 °C	25	2 m Cuttable	M4 Stainless steel	–

Part number	Article number
K2L-204	721-50774

K1R-104 fibre-optic cable					Highlights						
					<ul style="list-style-type: none"> • Photoelectric proximity sensor • For detecting small parts and holes • Spherical optics for cylindrical light beam • Precise switching behaviour on lateral approach • Fibre length individually cuttable • For FL 70 devices 						
Design Light exit	FL 70 typ. scanning distance (mm) Standard / Fine / High	Fibre arrangement	Suitable for ancillary lens	Core fibre Ø (mm) (T = Transmitter; R = Receiver) Material	Sheath material	Ambient temperature (rigid installation)	Fibre bending radius (mm)	Cable length	Collar bushing	LS (mm)	
Spherical optics	80 / 45 / 205	See drawing	–	2 x 0.5 (T/R) PMMA	Polyethylene (PE)	-40 ... +70 °C	15	2 m Cutable	Ø 4 mm Stainless steel	–	

Part number	Article number
K1R-104	841-21006

LLK1L10x10-PE-2m fibre-optic cable					Highlights						
					<ul style="list-style-type: none"> • Through-beam photoelectric sensor • Very small bending radius • Particularly flat and flexible mounting head • Fibre length individually cuttable • For FL 70/FL 20 devices 						
Design Light exit	FL 70 typ. scanning distance (mm) Standard / Fine / High	FL 20 typ. scanning distance (mm) Default setting	Fibre arrangement	Suitable for ancillary lens	Core fibre Ø (mm) (T = Transmitter; R = Receiver) Material	Sheath material	Ambient temperature (rigid installation)	Fibre bending radius (mm)	Cable length	Collar bushing	LS (mm)
Flat measurement head	120 / 50 / 220	–	See drawing	–	1 x 0.5 (T) 1 x 0.5 (R) PMMA	Polyethylene (PE)	-40 ... +70 °C	1	2 m Cutable	10 x 10 mm ² M2 Brass, nickel-plated	–

Part number	Article number
LLK1L10x10-PE-2m	750-11010