
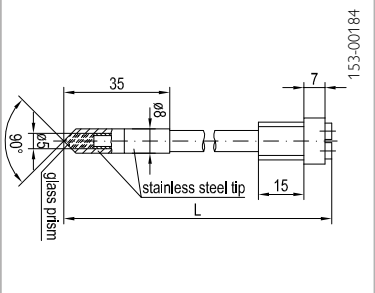

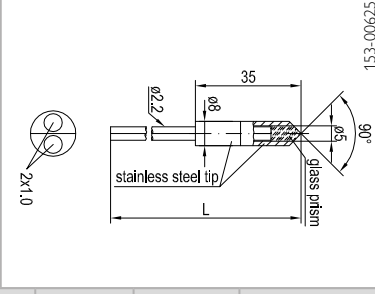


Fibre-optic cables – special designs

18/30 RP 2 /-Si fibre-optic cable				Highlights						
				<ul style="list-style-type: none"> • Prismatic scanner for liquid and level detection • Radial light exit • Robust design with silicone sheath • -20 ... +120 °C • Fixing via mounting block MB 8 (Article number 903-05141) • For FMS devices 						
Fibre arrangement	FMS 18 typ. scanning distance/range (mm)	FMS 30 typ. scanning distance/range (mm)	Core fibre Ø (mm) material	Sheath material	Ambient temperature (rigid installation)	Bending radius (mm)	Cable length (m)	Collar bushing Ø (mm)	LS (mm)	
Axial	–	–	2 x 1.6 Glass	Silicone (Si)	-25 ... +120 °C	20	See Selection Table	8 Stainless steel	See Selection Table	

Length (m)	Part number	Article number
0.25	18/30 RP 2/250-Si	975-06584
0.5	18/30 RP 2/500-Si	975-06585
1	18/30 RP 2/1000-Si	975-06586
2	18/30 RP 2/2000-Si	975-06587

LLK2PR2-PE-2m fibre-optic cable						Highlights					
						<ul style="list-style-type: none"> • Prismatic scanner for liquid and level detection • Fibre length individually cuttable • For FL 70/FL 20 devices 					
Design	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)
Prismatic scanner	–	–	See drawing	–	2 x 1.0 (T/R) PMMA	Polyethylene (PE)	-40 ... +70 °C	25	2 m Cutable	Ø 8 mm Stainless steel	–

Part number	Article number
LLK2PR2-PE-2m	951-50013

LLK1VRR22x15-PE-2m fibre-optic cable						Highlights						
						<ul style="list-style-type: none"> • V-scanner for liquid and level detection in transparent vessels or tubes • Small housing • 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 arrange- ment	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)
V-scanner		Ø 6-26 / Ø 6-26 / Ø 6-26	Ø 6-26	-	-	2 x 0.5 (T/R) PMMA	Polyethylene (PE)	-40 ... +70 °C	15	2 m Cuttable	15.5 x 22 x 11 mm ³ Polycarbonate (PC)	-

Part number	Article number
LLK1VRR22x15-PE-2m	750-11006

30 R 12/...-N-02 fibre-optic cable					Highlights					
					<ul style="list-style-type: none"> • Photoelectric proximity sensor • Axial light exit • High scanning distance/range • Extremely robust design with stainless steel sheath • -25 ... +250 °C • For FMS-30 devices 					
Fibre arrangement	Light exit	FMS 18 typ. scanning distance/ range (mm)	FMS 30 typ. scanning distance/ range (mm)	Core fibre Ø (mm) material	Sheath material	Ambient temperature (rigid installation)	Bending radius (mm)	Cable length (m)	Collar bushing Ø (mm)	LS (mm)
Axial		-	800	2 x 3.5 Glass	Stainless steel, helical sleeve	-25 ... +250 °C	45 (once) 100 (more than once)	See Selection Table	M18 x 1	-

Length (m)	Part number	Article number
0.5	30 R 12/500-N-02	979-05281
0.75	30 R 12/750-N-02	979-50546
1	30 R 12/1000-N-02	979-05280
1.5	30 R 12/1500-N-02	979-05279
2	30 R 12/2000-N-02	979-05278