

features

- Wide range of models: ultra slim for small object, long distances, spiral tube for handling
- Wide range of flexible fibre heads (with sleeve)
- Wide range of cutting fibre units
- P67 protection degree
- SSF FS1 FX3 FX4 F1R FY2 FY3 series connectable
- Approvals: CE

web contents



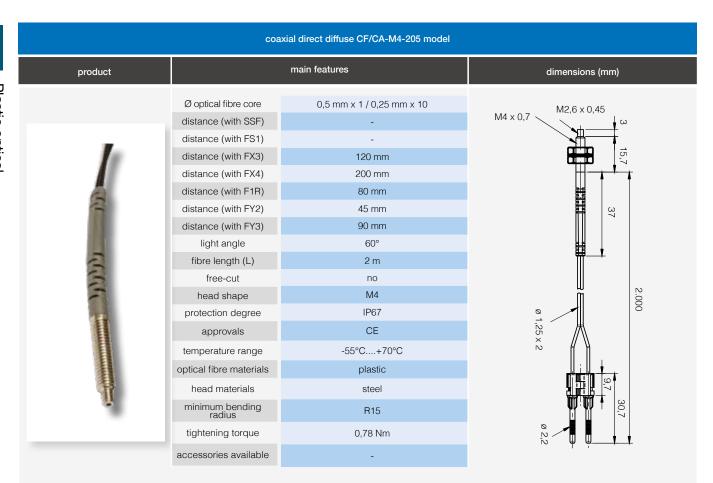
- Application notes
- Photos
- Catalogue / Manuals



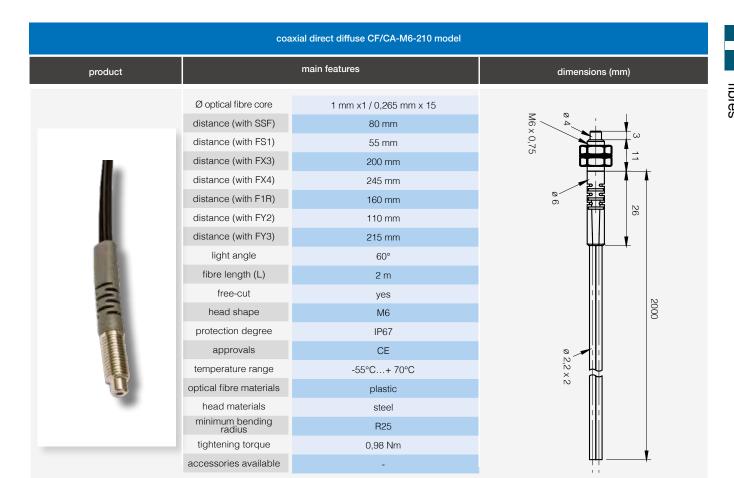
ordering system

models ⁽¹⁾	SSF (EX.G.=1)	FS1 (EX.G.=1)	FX3 (EX.G.=1)	FX4 (EX.G.=1)	F1R	FY2	FY3	type	fibre core	free-cut	length (2)	head shape	lenses
CF/CA-M4-205	-	-	120mm	200mm	80mm	45mm	90mm	coaxial	0,5 mm	no	2 m	M4	-
CF/CR-M4-205	-	-	105mm	150mm	65mm	35mm	70mm	coaxial	0,5 mm	no	2 m	M4	-
CF/CA-M6-210	80mm	55mm	200mm	245mm	160mm	110mm	215mm	coaxial	1 mm	yes	2 m	M6	-
CF/DR-F3-205	-	-	38mm	45mm	15mm	10mm	11mm	diffuse	0,5 mm	yes	2 m	ø 3	-
CF/CA2-**	15 mm	15 mm	70 mm	110 mm	40 mm	20 mm	40 mm	diffuse	0,5 mm	no	0,51 m	M4	-
CF/CA4-**	15 mm	15 mm	60 mm	80 mm	40 mm	20 mm	40 mm	diffuse	0,5 mm	no	0,51 m	M4 with sleeve	-
CF/CA1-20	60 mm	60 mm	140 mm	140 mm	-	50 mm	100 mm	diffuse	0,5 mm	yes	2 m	M5	•
CF/CB1-**	50 mm	50 mm	200 mm	300 mm	150 mm	110 mm	150 mm	diffuse	1 mm	yes	12 m	M6	-
CF/CB3-**	50 mm	50 mm	200 mm	300 mm	150 mm	110 mm	150 mm	diffuse	1 mm	yes	12 m	M6 with sleeve	-
CF/DR-M6-210	60mm	45mm	185mm	220mm	100mm	60mm	110mm	diffuse	1 mm	yes	2 m	M6	-
CF/RA4-**	30 mm	30 mm	150 mm	250 mm	100 mm	110 mm	125 mm	through- beam	0,5 mm	no	0,51 m	M4 with sleeve	-
CF/RB3-20	120 mm	120 mm	700 mm	700 mm	150 mm	250 mm	280 mm	through- beam	1 mm	yes	2 m	M4	-
CF/RB4-**	120 mm	120 mm	600 mm	900 mm	410 mm	400 mm	420 mm	through- beam	1 mm	yes	12 m	M4 with sleeve	-
CF/RB6-**	120 mm	120 mm	600 mm	900 mm	410 mm	400 mm	350 mm	through- beam	1 mm	yes	12 m	M4	-
CF/RC6-20	100 mm	100 mm	500 mm	500 mm	350 mm	200 mm	230 mm	through- beam	1 mm	yes	2 m	M4	-
CF/TR-M4-210	275mm	140mm	680mm	900mm	480mm	300mm	320mm	through- beam	1 mm	yes	2 m	M4	-
CF/RA7-**	30 mm	30 mm	150 mm	250 mm	100 mm	60 mm	140 mm	through- beam	0,5 mm	no	0,51 m	M6	-
CF/CC1-20	15 mm	15 mm	70 mm	110 mm	50 mm	60 mm	60 mm	through- beam	1 mm	yes	2 m	M6	-
CF/RB9-**	1200 mm	1200 mm	8000 mm	10000 mm	4000 mm	3000 mm	3800 mm	through- beam	1 mm	yes	12 m	ø 6	•
CF/RC9-20	1000 mm	1000 mm	6000 mm	8000 mm	2200 mm	2500 mm	3000 mm	through- beam	1 mm	yes	2 m	ø 6	•
CF/RBA-**	1200 mm	1200 mm	8000 mm	10000 mm	4000 mm	3000 mm	3800 mm	through- beam	1 mm	yes	12 m	M7	•
CF/RCA-20	1000 mm	1000 mm	6000 mm	8000 mm	2200 mm	2500 mm	3000 mm	through- beam	1 mm	yes	2 m	M7	•
CF/TA-H2-210	430mm	45mm	730mm	950mm	510mm	400mm	430mm	area	1 mm	no	2 m	H=20m	-
CF/TR-H6-210	450mm	30mm	760mm	1050mm	550mm	450mm	490mm	area	1 mm	no	2 m	H=60mm	-

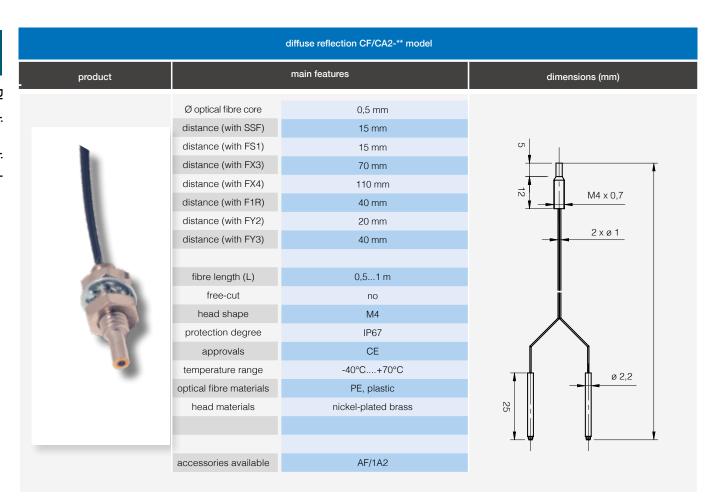
 $^{^{(1)}}$ The last two bits of the code show the fibre length (in dm) $\,\,^{(2)}$ Standard length Special lengths are available on request.



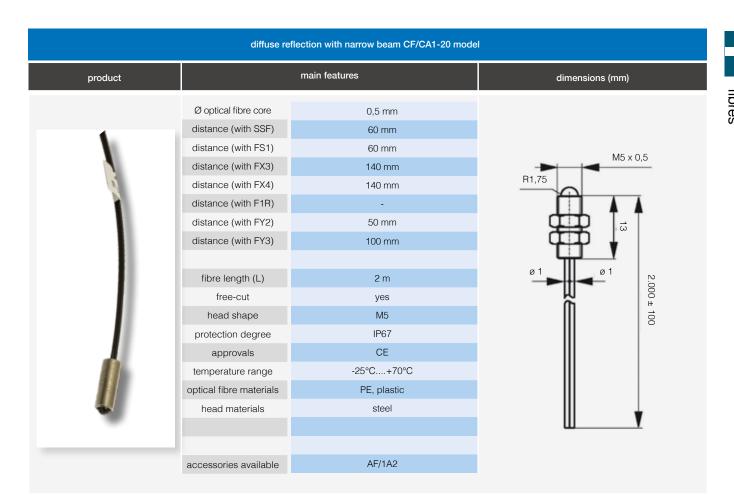
product Main features dimensions (mm)		coax	ial direct diffuse CF/CR-M4-205 model			
Ø optical fibre core distance (with SSF) distance (with FS1) distance (with FX3) 105 mm distance (with FX4) 150 mm distance (with FY2) 35 mm distance (with FY2) 35 mm distance (with FY3) 10;1 Ight angle fibre length (L) free-cut no head shape protection degree approvals temperature range optical fibre materials head materials minimum bending radius tightening torque accessories available 0,55 mm x10 DETT.A 10:1 A 1	product		main features	dimensions (mm)		
NA .		distance (with SSF) distance (with FS1) distance (with FX3) distance (with FX4) distance (with F1R) distance (with FY2) distance (with FY3) light angle fibre length (L) free-cut head shape protection degree approvals temperature range optical fibre materials head materials minimum bending radius tightening torque	- 105 mm 150 mm 150 mm 65 mm 35 mm 70 mm 60° 2 m no M4 IP67 CE -55°C+ 70°C plastic steel R15	DETT.A 10:1 7 4,05 A 12,1 3 4,1 10:1 7 A 10:1 7 A 10:1 9,7 9,7 (AlSl 303) Grey PVC		

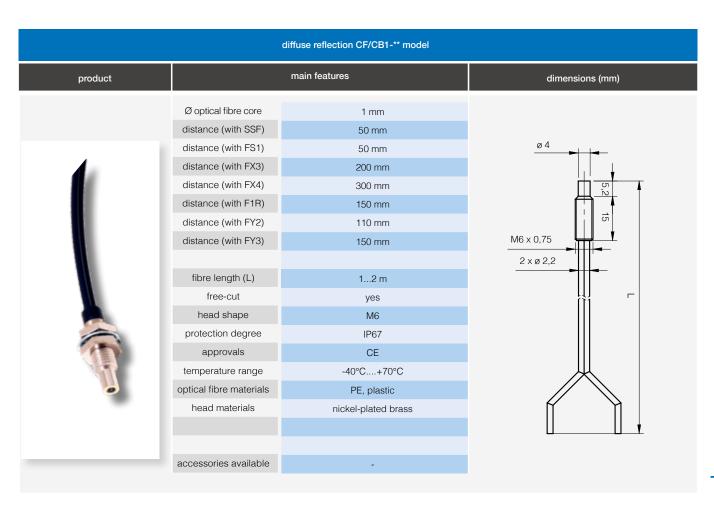


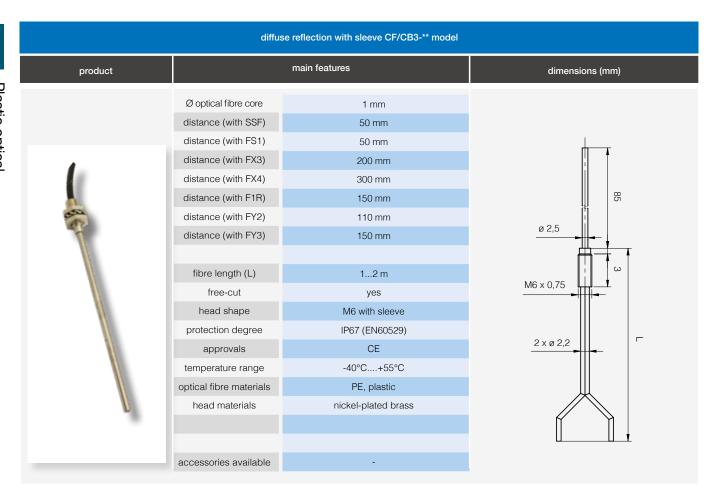
	(direct diffuse CF/DR-F3-205 model	
product		main features	dimensions (mm)
	Ø optical fibre core distance (with SSF) distance (with FS1) distance (with FX3) distance (with FX4) distance (with F1R) distance (with FY2) distance (with FY3)	0,5 mm 38 mm 45 mm 15 mm 10 mm	2,5
	fibre length (L) free-cut head shape protection degree approvals temperature range optical fibre materials head materials minimum bending radius tightening torque accessories available	2 m yes Ø 2 mm IP67 CE -40°C+ 70°C (no freezing) plastic nickel-plated brass R11 -	20000 2× ø 1



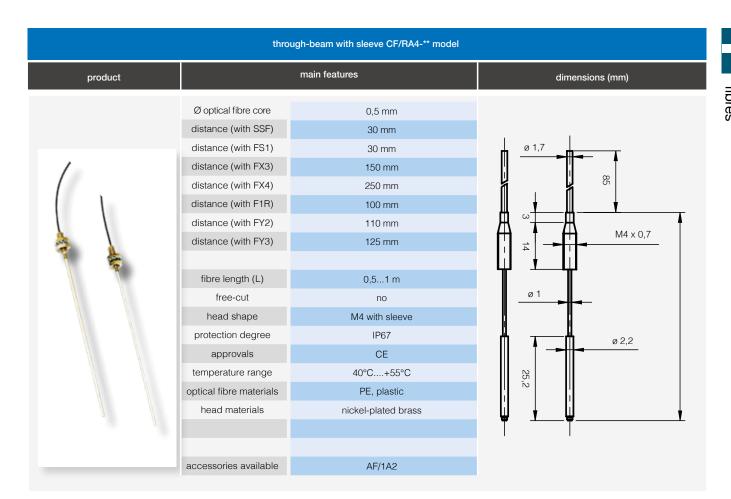
diffuse reflection with sleeve CF/CA4-** model				
product	m	ain features	dimensions (mm)	
	Ø optical fibre core distance (with SSF) distance (with FS1) distance (with FX3) distance (with FX4) distance (with F1R) distance (with FY2) distance (with FY3) fibre length (L) free-cut head shape protection degree approvals temperature range optical fibre materials head materials	0,5 mm 15 mm 15 mm 60 mm 80 mm 40 mm 20 mm 40 mm 0,51 m no M4 with sleeve IP67 CE -40°C+55°C PE, plastic nickel-plated brass	M4 x 0,7 2 x Ø 1	
	accessories available	AF/1A2		

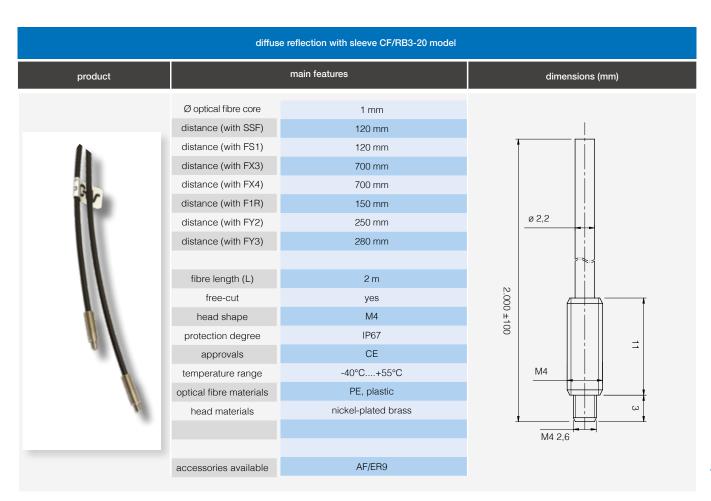


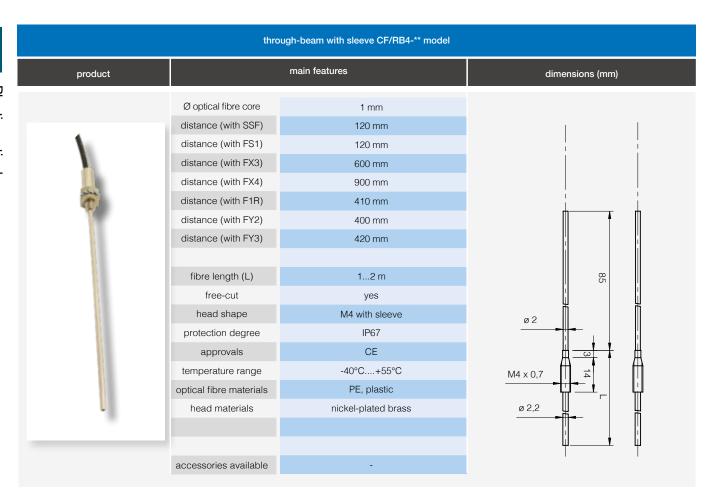


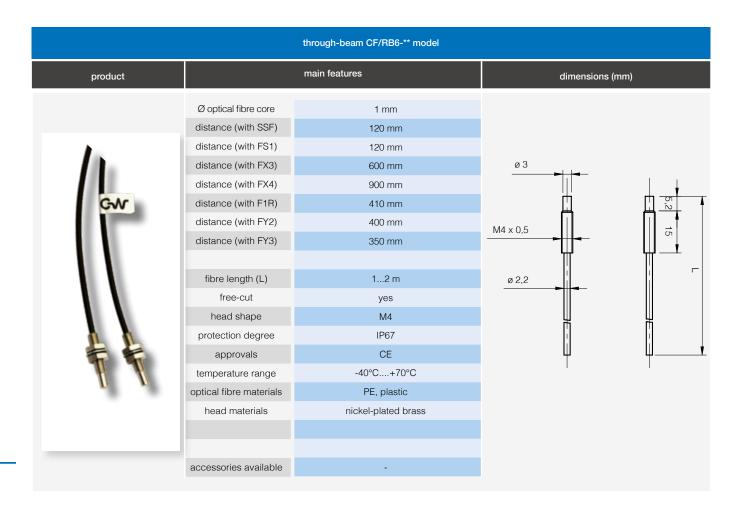


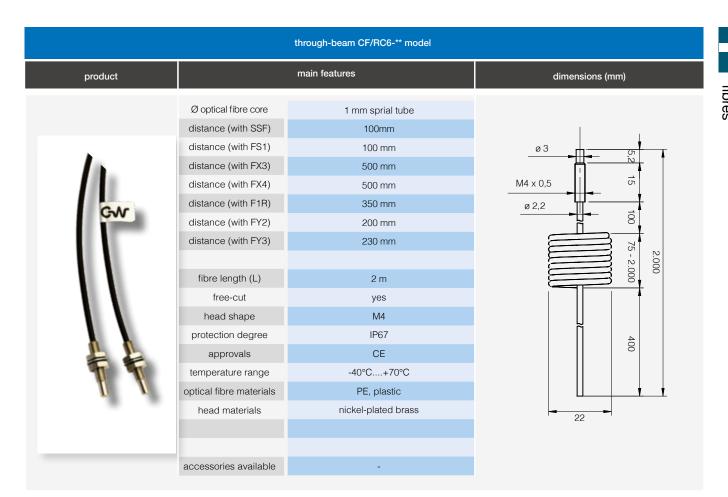
		direct diffuse CF/DR-M6-210 model	
product		main features	dimensions (mm)
	Ø optical fibre core distance (with SSF) distance (with FS1) distance (with FX3) distance (with FX4) distance (with F1R) distance (with F1R) distance (with FY2) distance (with FY3) light angle fibre length (L) free-cut head shape protection degree approvals temperature range optical fibre materials head materials minimum bending radius tightening torque	1 mm 60 mm 45 mm 185 mm 220 mm 100 mm 60 mm 110 mm 12° 2 m yes M6 IP67 CE -55°C+ 70°C plastic steel R15 0,98 Nm	5.75 10 2.2 8 1,55 x 2 8 2,2 x 2 8 2,2 x 2 8 2,2 x 2 8 2,2 x 2 GREY PVC GREY PVC
	accessories available	-	

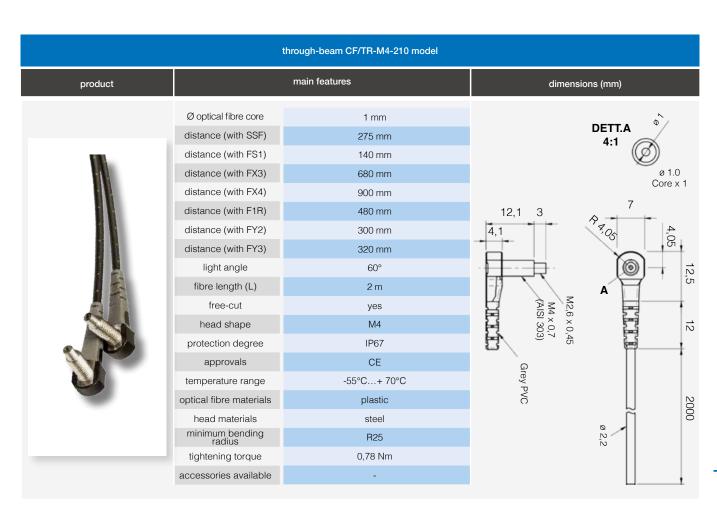


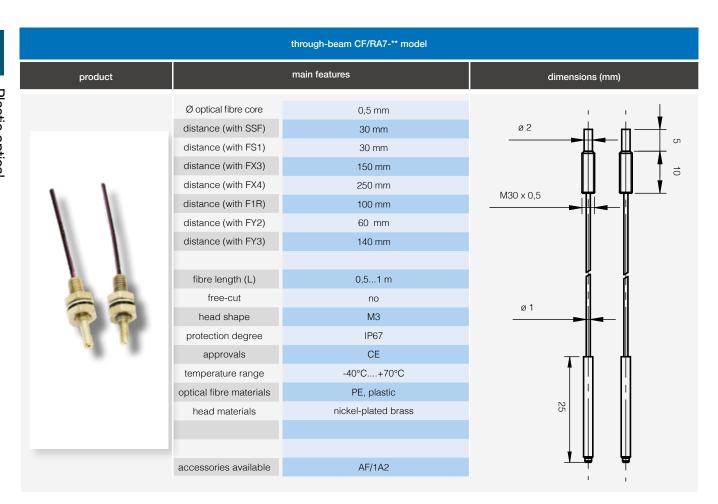




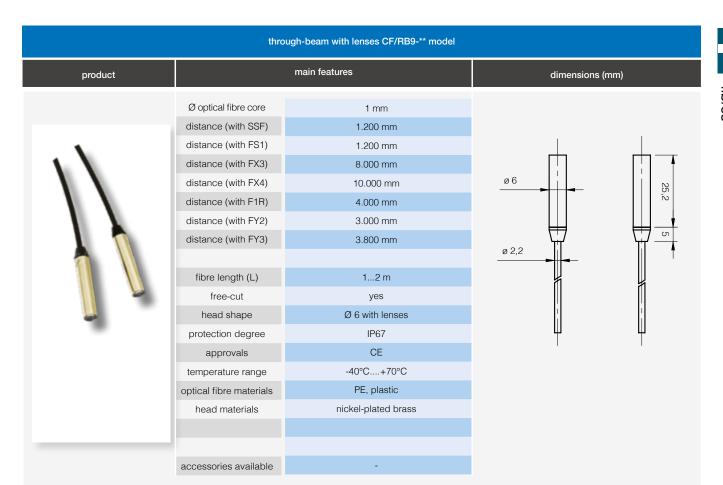


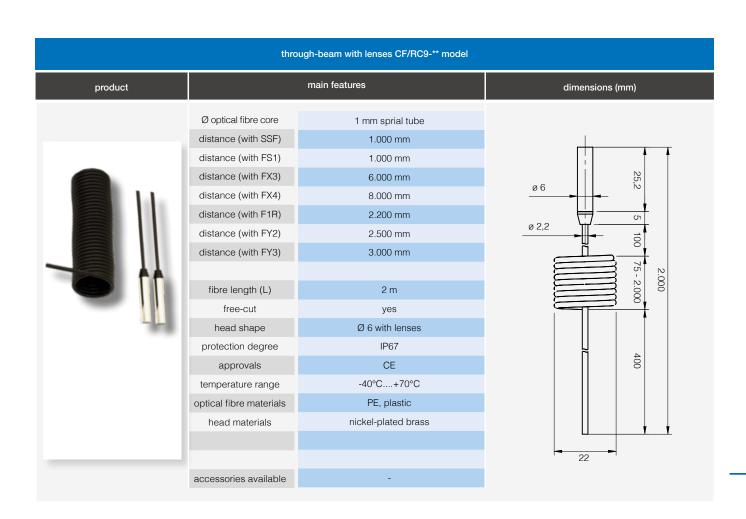


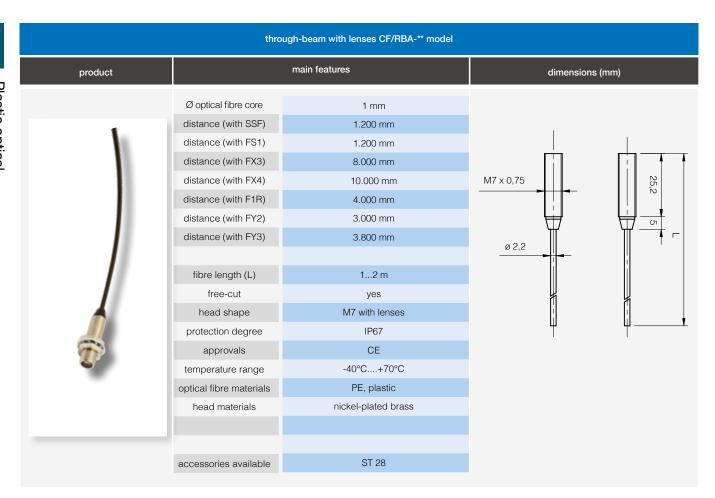




		diffuse reflection CF/CC1-** model	
product		main features	dimensions (mm)
3	Ø optical fibre core distance (with SSF) distance (with FS1) distance (with FX3) distance (with FX4) distance (with F1R) distance (with FY2) distance (with FY3) fibre length (L) free-cut head shape protection degree approvals temperature range optical fibre materials head materials	1 mm sprial tube 15 mm 15 mm 70 mm 100 mm 50 mm 60 mm 60 mm 2 m yes M6 IP67 (EN60529) CE -40°C+70°C PE, plastic nickel-plated brass	Ø 4 M6 x 0,75 224 22000 2000 400
	accessories available	-	







through-beam with lenses CF/RCA-** model						
product	m	ain features	dimensions (mm)			
	Ø optical fibre core	1 mm sprial tube				
	distance (with SSF)	1.000 mm				
1	distance (with FS1)	1.000 mm	<u> </u>			
	distance (with FX3)	6.000 mm	M7 x 0,75			
- 11	distance (with FX4)	8.000 mm	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~			
- 11	distance (with F1R)	2.200 mm	ø 2,2			
- 11	distance (with FY2)	2.500 mm	10			
- 11	distance (with FY3)	3.000 mm				
- 11						
- 11	fibre length (L)	2 m				
	free-cut	yes				
I	head shape	M7 with lenses				
	protection degree	IP67				
	approvals	CE	400			
	temperature range	-40°C+70°C				
	optical fibre materials	PE, plastic				
	head materials	nickel-plated brass				
			22			
	accessories available	ST 28				

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